January 1915 11/17/1914

expected, this plan not only brings out the honorary member who is to speak but other honorary members and graduate members as well. By starting the regular meetings promptly at seven o'clock and by having the lectures every other Tuesday night, we find plenty of time for business and lectures.

Plans are now being laid to hold our annual dance some time during January, probably in the third week. As yet nothing has been done towards the Birthday Banquet and Reunion on February 22, but we look for a mighty gathering of all the members of the chapter and a glorious big time for Sigma Tau on that day.

November 10, 1914. GEO. G. MANKEY, *President.*

DELTA CHAPTER

UNIVERSITY OF S. DAKOTA

The letter from the Delta Chapter must necessarily be short this year, because of the fact that only three men returned to make up the active chapter.

We are very much pleased to announce that Dr. R. L. Slagle is now President of the University and has already made progress in the development of our institution. Under his administration the enrollment in all the colleges, especially the engineering college, gives promise of a material increase. With a large group of engineers to select our men from, we no doubt, can look forward to a great deal of progress in the work of the Delta Chapter.

The active men of the chapter, A. Tradup, C. J. Nitteberg, and S. J. Souter, have instituted a campaign for more members and hope to have a full roll shortly. Among the recent pledges are two juniors, E. Videl and P. Loury.

We promise that Delta Chapter will give a good account of itself before the close of this college year.

F. J. SOUTER,
President, Delta Chapter.

EPSILON CHAPTER

KANSAS STATE COLLEGE

Epsilon chapter is more than pleased with the prospects of a national publication, and are putting forth earnest efforts to make the publication a success.

The chapter started the year under favorable circumstances, all our officers and members being with us at the opening of the school year. The president of last year, Mr. Roy Young, has returned to take further work in school. The presence of a former president is indeed a great help to the chapter.

Early in the year a committee was appointed to arrange for a smoker for the juniors. At this smoker we were all able to become much better acquainted with the men and be better fitted to chose our members. A part of the evening was spent at cards and music, after which several members of the faculty gave us some interesting and helpful talks. A light luncheon was served.

At the present time the chapter has elected the following men to active membership: B. M. Andrews, '16, H. S. Hagan, '16, Shelby Fell, '15, and A. H. Ganshird, '15. Professor S. L. Simmering and Professor G. B. McNair were elected to honorary membership.

The men elected to membership were initiated into the fraternity on November 17, 1914. Each one passed the various tests incident to their initiation under the new ritual.

There is an abundance of good material in the junior and senior classes from which the chapter expects to fill up their number.

We have at the present time eighteen active members.

Epsilon chapter is especially honored in having in our midst the Grand Secretary-Treasurer, Mr. F. A. Wirt, also the Associate Editor, Mr. Stanley A. Smith. These men are a source of great help to the chapter.

Last spring the chapter completed a room in the Engineering Building for the exclusive use of the members. The faculty gave us permission for the use of the room for that purpose. The decorations of the room, and the furnishings were designed, and a large part was constructed, by the men. A part of the furniture, rugs and the small articles necessary for the equipment of the room were bought and paid for with the help of the alumni. The members have access to this room, at all times, and during leisure time from classes the men go there either to study or engage in a brotherly chat. The chapter is proud of the room for it belongs to us and its serves to bring the men in contact and closer touch with each other, and in that way we can do better work for Sigma Tau. We have realized more advantage in developing a closer acquaintanceship, in the short time that we have had the room than anything the chapter has done before. The room is not only used as a rest or lounging place, but our meetings take place there. The room is equipped with furnishings so that it is possible to keep all fraternity material there.

We plan to have some form of entertainment at least once a month during the school year, in the form of a smoker, informal dinner or theater party, and will probably give at least one dance during the year.

At the present time the chapter is bending its efforts to arouse the interests of the students of Engineering to the Engineering activities of the college and for the extension of the department for a greater enrollment.

In our meetings we have discussed and developed plans for such interest and extension and are pushing these plans with the vigor of Sigma Taus.

Work on the annual letter is progressing slowly but surely. Requests for reports have been sent out to all of the alumni. These reports are all expected in by the first of the year.

Epsilon chapter has loyal alumni and we are proud of them and of the record they have left us.

We are striving to keep up the record and standing of Sigma Tau.

CHARLES W. GIFFIN,
Corresponding Secretary.

November 17, 1914.

ZETA CHAPTER

OREGON STATE COLLEGE

Zeta Chapter started the year under rather trying circumstances, owing to a lack of members in school this year. For this reason we have waited until after our initiation before writing.

Last year only four men were chosen from the junior class to carry on the work of the fraternity. One of the old men returned and with his assistance the first part of the year was devoted to the selection of new members. As we had been cautioned by the graduate members to use our best judgment in choosing our candidates and to consider all requirements fully, only three men were chosen.

At the time of the initiation, November 19, we had not received the new ritual and so we decided to place greater emphasis on the solemn phases of the initiation and to leave out much of the levity. After the initiation, a banquet was given to the new members, President Gildner presiding as toastmaster.

At our last meeting THE PYRAMID was discussed in a general way and the subscriptions were sent in to the Business Manager. This being our first meeting after initiation, we nominated and elected the Vice-president and Historian.

As the Annual Letter from the graduate members has not been received, it will be impossible to send their addresses in this letter.

T. W. WADE,
Corresponding Secretary.

November 26, 1914.

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June ~~Spring~~ 1915

EPSILON CHAPTER

Kansas State College

The members of Epsilon Chapter wish to add their compliments on the first issue of THE PYRAMID. This publication has filled the desire of the alumni for something by which they could keep in touch with their respective chapters and the workings of the National Fraternity. It more than anything else is to serve as a tie between the alumni and those in the active work.

As was said in the first issue, "We have started to build a 'Pyramid'". Thus far an excellent foundation has been laid. From this time on the members collectively and individually can build a worthy structure or a poor one according to the zeal and the energy which they put into the work. Let us then put our shoulders to the task and push the work, ever keeping it alive and progressing.

Since our first letter the chapter has increased the roll to twenty-four active and seven honorary members. Through the work of both the active and honorary members the Engineering Division is being pushed to the front by rapid strides.

On Friday evening, March 5, the chapter gave a smoker in honor of the local chapters of three National Honorary Fraternities, The Alpha Psi Veterinary Medicine, Alpha Zeta, and Gamma Sigma Delta Agriculture. The evening was spent at cards and general merrymaking. A light luncheon was served. This entertainment brought the men of the different divisions together on more common ground than anything that has been tried before. As is common in colleges of several different divisions there is always a keen rivalry between the divisions. An entertainment of this kind tends to put such rivalry on a more friendly basis, promoting a greater college spirit rather than division spirit.

The idea of an Honorary Pan-Hellenic Council was suggested by one of our speakers. This Council is to be similar to the Pan-Hellenic of the Social Fraternities. Up to the present time there has been nothing to hold the Honorary Fraternities together and they have been living to themselves. This Council will bring all in closer touch with each other and will aid in the nurturing of ideas and schemes for the advancement of the different divisions and of the college as a whole. Plans for the organization of such a council are now in progress, and we hope that in the near future it will be a permanent organization.

Plans for more social events are being made which promise good things for the chapter.

Very good reports are coming in from the graduates of last year. All are holding good positions and are "making good" as the saying goes.

The writer has had an idea brought to his mind which if worked out will be an immense help to the editorial staff in securing interesting articles for publication, and at the same time bring to light the writing ability of the men in a way that will help the individual chapters. The idea is this: To have each new man during the time he is a pledge prepare a short article or thesis on some engineering subject of his own choosing. This paper will then be presented to the chapter at the time of his initiation. The chapter will then send the article in to the editor of the Fraternity publication and those articles published which in his judgment merit it. This will bring to the hands of the editor interesting articles which at times can be used to advantage.

Epsilon Chapter wishes to extend their heartiest greetings to their brothers although many miles may intervene between us. We hope that the second issue will add another solid well placed rock in the foundation of THE PYRAMID.

C. W. GIFFIN,
Corresponding Secretary.

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men who stand well in their studies and student activities and are a credit to the Fraternity. In addition to these, there are three students and two instructors awaiting initiation.

By graduation last June, we lost nine active members, all of whom have good positions with engineering firms in this section of the country.

On October 19, we gave our annual fall smoker. The affair was a great success, being largely attended by our active members and a goodly number of our alumni together with many prospective men. During the evening entertainment was provided and refreshments served. Meetings of this kind cannot be overestimated, due to the opportunity of meeting new men and renewing relations with our alumni.

We were unusually fortunate in having Professor Clewell with us on November 16, who delivered a very interesting and instructive address on the value of technical writing. Professor Clewell is a man whose experience has placed him in a position to speak on this subject from an authoritative standpoint. Owing to the fact that there is a great demand on Professor Clewell's time, we feel that he bestowed a great honor upon us by giving us so much of his valuable time. Refreshments were served afterwards.

MAURICE C. N. PREW, *Historian.*

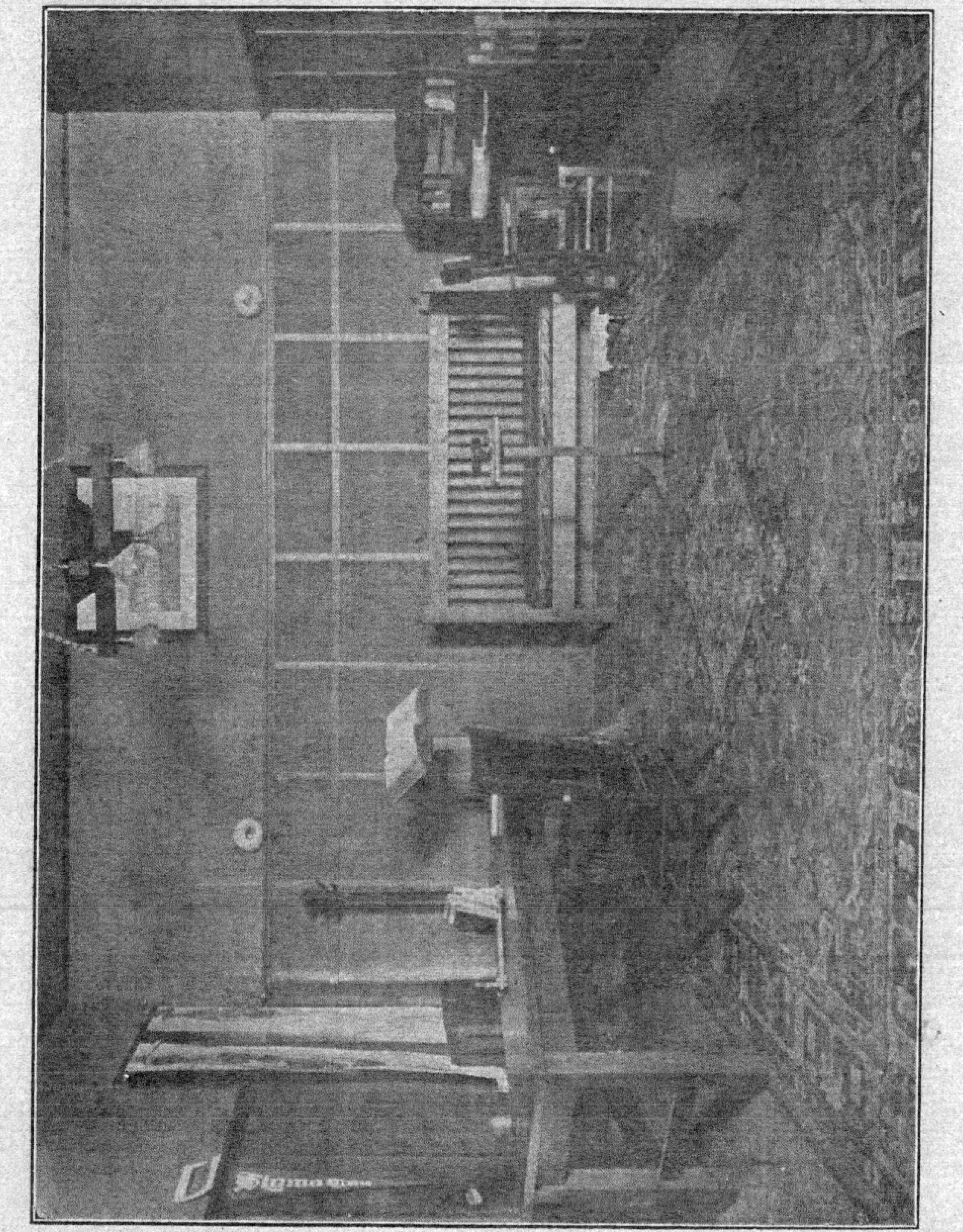
EPSILON CHAPTER

Kansas State College

Epsilon Chapter began this fall under very favorable circumstances, all of the officers elected last spring and all of the junior members of last year having returned.

We consider ourselves very fortunate in having in our midst the Grand Secretary-Treasurer, Brother F. A. Wirt, and the Editor of THE PYRAMID, Brother Stanley A. Smith, also Brothers W. A. Buck, R. L. Swenson and I. E. Taylor who are taking advanced work in the college.

EPSILON CHAPTER—1914-15
Kansas State College, Manhattan, Kansas



CHAPTER ROOM OF EPSILON CHAPTER

We have had a comparatively large number of men from which to choose material for the chapter this fall, and have, so far, elected seven men to membership, whose names are: R. H. Oliver, O. K. Rumble, A. E. Dyatt, G. A. Sellers, E. T. Whitcomb, W. K. Hervey, and C. D. Hultgren.

Early in the term a smoker was given in the chapter room, to the men eligible for membership, so that we could become better acquainted with these men and put ourselves in a position to select our pledges wisely.

On the evening of October 8 the Manhattan Alumni Club of Sigma Tau entertained the local chapter at the home of Mr. Stanley Smith. Among other things a contest was held in which those present were to guess the names of the colleges having Sigma Tau chapters and the Greek letters of these chapters represented by suggestive pictures on the wall. President Hagan won the prize. Everyone present reported a very good time.

D. C. TATE,
Historian.

ZETA CHAPTER

Oregon State College

Zeta Chapter has entered upon what promises to be a very prosperous year. All of our officers and members, except those who graduated, are back and we have four alumni members who are instructors in the college. Several live meetings have been held and everyone seems to have the same desire to improve the chapter. The alumni members are always willing to give the results of their experiences, and their suggestions have been of inestimable value on several occasions.

Our attention thus far has been taken up in the selection of new members. At the first meeting it was decided that a number of desirable seniors should be taken in so that we may have their help and society through the entire year. It was also thought best that those of the present junior class,

came from the graduate members. These fellows upon graduating signed bonds to the amount of one hundred dollars, payable in ten years. Thus each year the income from these bonds is increasing.

By electing a good number of social fraternity men we expect to keep the social activity of the chapter within the true spirit of Sigma Tau and still furnish sufficient amusement for the brothers not having other connections. From all the evidence now at hand, Gamma will continue to go steadily forward and will soon take the place among Pennsylvania's fraternities to which it is entitled.

Respectfully submitted,

E. L. SHOEMAKER,
Delegate.

Note 5

EPSILON CHAPTER

Kansas State Agricultural College

Several changes have been made in the membership of Epsilon Chapter since the last letter was written. Joe A. Novak, milling engineer, '17; William C. Ernsting, E. E., '17; and William E. Paterson, M. E., '17, have been taken in lately, while Chas. C. Brown, M. E., '17, is a pledge and will be initiated April 21. We regret that E. T. Whitcomb, M. E., '17, and A. E. Dyatt, C. E., '17, have been compelled to withdraw from college this spring term. I. E. Taylor, C. E., '13, who was taking Postgraduate work, has also left college, having obtained a position as superintendent with the A. Jaicks Paving Construction Company of Newton, Kansas.

Epsilon Chapter members going from here to the Westinghouse Electric and Manufacturing Co., are Hagan, Linscott, Harvey and Knowles while Rathbun, Rawson, and Zimmerman are going to the Westinghouse Machine Co. Andrews is going to the General Electric Co., at Schenectady; Vincent, to the International Harvester Co.. at Kansas City; Butcher, to the Denver Gas and Electric Co., and Deal and Tate, to the Western Electric Co., at Chicago.

On the evening of February 11, the Alpha Psi Honorary Veterinary Fraternity entertained the local chapter of Sigma Tau together with the Honorary Agricultural Fraternities, Alpha Zeta and Gamma Sigma Delta. Entertainments of this kind promote good-fellowship between those different divisions and everyone present was indebted to Alpha Psi for a very enjoyable evening.

The condition of the chapter is good; its affairs are being carried forward as well as possible and its financial condition is fair. The

standing of the local chapter with regard to the other Honorary Societies at K. S. A. C., may be seen from the following table which was made for the fall term of 1915.

Omicron Nu, Domestic Science Sorority..........1.50
Alpha Zeta, Agricultural Fraternity..............1.16
Sigma Tau, Engineering Fraternity...............1.01
Gamma Sigma Delta, Agricultural Fraternity......0.96
Alphi Psi, Veterinary Fraternity.................0.73

Regardless of the fact that Sigma Tau ranked only third in the list the grades of the members averaged 212% above those of the other students enrolled in the division of engineering.

We regret that a number of Alumni of Epsilon Chapter have been a little careless in their duties in so far as the annual letter to the chapter is concerned.

Epsilon Chapter wishes to express its stand as being in favor of retaining the eligibility of architects in schools where the Architectural Course is under the Engineering division; and of exempting honorary members from the payment of the National Council fee.

April 11, 1916.

O. K. RUMBEL,
Delegate.

Note 6

ZETA CHAPTER

Oregon State College

Membership: The total active membership at the end of the academic year 1914-15 was fifteen, of which number nine were seniors and six juniors.

The present active membership totals eighteen of whom two are postgraduate students, eleven seniors, and five juniors. The roll also includes two graduate members and three honorary members.

Scholastic standing of active membership:

	1914-15	1915-16
General average of all members	88.4	88.7
General average highest man	92.5	92.5
General average lowest man	83.4	85.0

Participation of active membership in student activities. Percentage of membership holding office in engineering organizations 1914-15, 73.4; 1915-16, 77.8. Percentage of membership holding office in other college organizations 1914-15, 40; 1915-16, 22.2.

the active Chapters, the alumni, the honorary members, or the magazine, and if he be a careful observer he will study all sides before reaching any definite conclusions.

The sides surround the base and meet in a common point—the vertex. The vertex of Sigma Tau, like all other organizations, is the Grand Council. It is the common meeting point of all parts of the fraternity and, being in this vantage point keeps all the parts in perfect harmony with each other and insures a successful organization.

Chapter Letters

ALPHA CHAPTER

University of Nebraska

Alpha Chapter started the year with all officers and active members in school. As soon as grades and recommendations could be obtained an election of new members was held. At this meeting the following men were invited to membership: M. F. Clark, M. E., '17; A. W. Ackerman, E. E., '17; E. F. Ketcham, C. E., '18; C. W. France, M. E., '18; R. H. Park, M. E., '18; J. B. Stoddart, C. E., '18; O. W. Carpenter Ag. E.; H. B. Wood, E. E., '17; H. A. Knutzen, Arch. E., '17; L. C. Ziegler, E. E., '18; F. A. Merriam, M. E., '17; Gleen Moomaw, E. E., '17. When these men have been initiated the chapter will have twenty-five active members.

As is customary, the members of Sigma Tau hold a large part of the important offices in the various student activities. Among these are the president of the Engineering Society, the editor, business manager, circulation manager and assistant business manager of the Blue Print, (the engineering journal). The chairmen of the departmental societies with one exception are also Sigma Taus.

This year Sigma Tau decided to boost for an inspection trip to Chicago. From all indications this will be held the week of spring vacation. Nearly all of the chapter are planing to make the trip. The annual Engineers Night is also being arranged for. On this night the laboratories are running

full force and are thrown open to the public. An extensive advertising campaign is being planned for this time.

The question of getting permanent quarters is still before the Chapter. We are handicapped at present due to the fact that rooms cannot be obtained near the campus. However, as soon as the new Engineering building is constructed we expect to have quarters in it.

A very successful year is anticipated for Alpha Chapter judging from the harmony expressed at the meetings.

JAMES W. GALLOWAY, Historian.

EPSILON CHAPTER

Kansas State College

January 1917

The Epsilon Chapter started in after the conclave last spring to put into actual test the resolutions and recommendations which had been adopted. The momentum of the fresh start has had a positive acceleration up to the present time and from the present indications will keep up throughout the year.

The co-operation of the fraternity with the engineering division is one of the particular hobbies right now. A committee has been appointed and is doing good work along this line at the present time in connection with the seminars of the various divisions and the engineering association. We are working to make this a big thing at the college.

A big mixer and smoker was given late last spring to get Sigma Tau before some of the representative sophomores who would be eligible to Sigma Tau this fall and to get better acquainted with these men. We think it proved a big success and probably something similar will be tried again this year.

For the year 1916-'17 the following officers were elected: O. K. Rumble, president; G. A. Sellers, vice president; W. E. Patterson, secretary; R. H. Oliver, treasurer; A. E. Dyatt, corresponding secretary; C. C. Brown, historian.

The president called a meeting the first day college opened and we were very much elated at finding all our members present. E. T. Whitcomb and A. E. Dyatt coming back after being out spring term. About the first thing the Chapter did

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this fall was to get incorporated. This puts it on a sound business basis and gives more freedom for our outside dealings.

Thus far our meetings have been marked with good lively discussions. The chapter pledged a number of men as soon as they could be passed upon so that they might be initiated into the fraternity as soon as possible and get the Sigma Tau spirit and help push the good work along the remainder of the year.

C. F. Zeigler (C. E.) and M. A. Durland (E. E.) were initiated on October 3; M. H. Russell (E. E.), I. O. Mall (M. E.), R. S. Kirk (E. E.), R. A. Van Trine (E. E.), L. G. Hudson (Architect), and H. J. Helemcamp (Milling), initiated October 31.

The resolution adopted at the conclave of having the pledges go to all the members of Sigma Tau in college, active, honorary and alumni, and secure their signatures, was put into effect this fall with very satisfactory results. A short informal chat while alone with the individual gives a better acquaintance than any mixer ever does, and one will remember the man enough to know him at the next meeting. Freshmen members are required to learn the obligations so that they can repeat them at any time if called upon to do so.

Brother W. A. Buck is one of our active alumni members and is of great assistance to the chapter with the knowledge gained from his long connection with the Fraternity. Brother Stanley Smith also an alumni and editor of the Pyramid attends our meetings often and gives views from the faculty side of the engineering division.

There are now eighteen active members in the Epsilon Chapter and several more good men are under consideration.

C. C. BROWN, Historian.

ZETA CHAPTER

Oregon State College

Due to the exceptional small senior class, we have only five active members on our roll at present. Several live meetings have been held and the names of Seniors eligible for membership have been investigated and discussed.

Professor F. H. Rosencrants who is an honorary member of this society is going to leave the institution. He has been

an active worker and has helped to make this Fraternity one of the most livliest and energetic organizations in this institution. His loss will be felt by all the members.

Our present officers and members are. R. F. Throne, president; B. Rush, Secretary; J. L. Turnbull, treasurer; W. H. Ball, corresponding secretary; A. Streiff, historian.

Alumni members in the college are: Harry Belknap, '12; D. R. Smith, '14.

Honorary members: Dean G. A. Covell, Professor R. H. Dearborn, Professor F. H. Rosencrants.

A. STREIFF, Historian.

IOTA CHAPTER

University of Colorado

Iota Chapter opened the year with twelve men as a nucleus, and six pledges. The first meeting was a general good time and a regular convention with a bunch of good men proposed for fall initiation. A second short meeting was held and as a result seven more men were pledged. Last Tuesday saw the thirteen assembled in front of Mackey Auditorium dressed in standard blue overalls, giving a lesson in the use of the slide rule to all the curious throng going to Chapel. Front seats were reserved for them and they made quite a showing. Going to class in the same outfit prepared them somewhat for the initiation ceremony, which was held Thursday evening, November 2. The initiation was very well carried out and ended in a genuine meal at Lang's. The men initiated were: Stanley Patterson, C. E., '17; Ray Eckel, C. E., '18; Harlow Platts, M E., '17; Earnest Hyatt, Ch. E., '18; C. W. Bessee, M. E., '17; Fred Woolley, E. E., '17; Ray Burlingame, M. E., '18; Herb Shimeall, E E., '17, Donald Rymer, E. E. '18; Wayne Beattie, M. E., '17; Eugene Harvey, C. E., '18; Charles Brown, C. E., '18, and Matt Moyle of the Mechanical Engineering Department.

We expect to enjoy this year of Sigma Tau to the utmost, as we have a fine bunch of new men scholastically and socially. We include the President of the Combined Engineers, Steere Mathew, a member of the Student Commission, Cranston Rader,

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Chapter Letters

ALPHA CHAPTER.

University of Nebraska

The past year has shown an advance in all departments of the college. All indications point to success for the coming year.

During the year changes in offices have occurred. Brother H. F. Holtz found it necessary to resign his position of president. This vacancy was filled by O. A. Powell, whose office of treasurer was filled by M. F. Clark. Brother Tell also had to give up his office of clerk, Brother I. B. Starr taking his place. M. M. Garrett graduated at the mid-year graduation. L. T. Gramlich, who was back taking post graduate work, also dropped out to take up consulting work. R. H. Park left school at the close of the first semester.

This year Alpha chapter decided to see what could be done towards holding the annual inspection trip at Chicago. So well was this talked up that when it came time for the trip fifty-six men and four professors went. Practically the entire chapter was there. Among the places visited were the following: Lake View Pumping station, Swift & Co., City Garbage Reduction Plant, Western Electric Co., Fisk and Quarry Street plants of the Commonwealth Edison So., the Universal Portland Cement Plant at Buffington, Illinois Bridge Co. at Garry; Iriquois Iron Works, International Harvester Co., and the Brian Marsh Lamp Co. The party went by the way of Keokuk, spending one-half day there inspecting the big power plant and lock. The trip was in charge of Prof. C. L. Dean, charter member of Sigma Tau. The treatment received from the concerns visited and the businesslike way in which the trip was handled make it one long to be remembered. While at the Western Electric Co., we met Brothers R. C. DeCou and I. K. Frost, who hold positions with that company.

At the present time it looks as though Engineers' Night, on which night all the shops are thrown open to the public, should not be held this year. The shops have been offered the government and for this reason an armed guard has been placed over the building and all people kept from it after 6 o'clock.

JAS. W. GALLOWAY, Historian.

GAMMA CHAPTER.

University of Pennsylvania

Under the leadership of Brother Rudolph, the Gamma Chapter of Sigma Tau is about to complete one of the most successful years in its history. Our active membership of ten at the beginning of the year has increased to thirty-two and five more faculty members have joined our ranks.

Our Annual Banquet was held on the evening of February 21 and on the whole was a decided success. It was a pleasure to see so many of the old faces back with us once more and to welcome several new guests, among whom were Dean Frazer and Professor R. H. Fernald.

On March 19, Brother P. J. Essick gave an interesting talk on "Roadbuilding in and about Philadelphia."

The monthly lecture for April was given by Brother C. Lawrence Warwick on "Movable Bridges." The lecture, which was illustrated by many odd and interesting lantern slides, was an excellent one and was enjoyed by a large audience. Refreshments were then served and old acquaintances renewed.

Faculty members elected this year: Prof. H. M. Trueblood, (Honorary), Messrs. Bredin, Duvall, Plass, and Wharen.

EDW. P. FENIMORE, Historian.

May 1917

EPSILON CHAPTER

Kansas State College

The Epsilon Chapter of Sigma Tau has been working quietly this winter term and although it has not done much which stands out distinctly, yet the engineering factulty and Sigma Tau have co-operated in pushing the good things of the engineering division. Every member is an enthusiastic worker for the fraternity and for everything for which it stands.

At present, we have a good, strong bunch of twenty-three active members. The following have been initiated into the fraternity since the last issue of the Pyramid. T. G. Tubbs, E. E., December 5, 1916; C. A. Frankenhoff, M. E., February 20; T. G. Alfred, E. E., and J. C. Pucket, E. E., March 20; H. T. Dunham, C. E., April 17, 1917.

We were very sorry to have Brother Whitcomb leave us this spring. His health would not permit him to stay in college for a while but we hope that he will be back next fall stronger than ever.

The chapter is at present putting all its energy into making a good showing on Engineers' Day, which is to be May 1.

An impromptu lunch was given April 12, in honor of ex-Grand President Chase, who spent a few hours at K. S. A. C. on that date.

The chapter will give its annual banquet on May 12, which is the fifth anniversary of Sigma Tau at K. S. A. C., and it has been decided that hereafter this annual affair will be given on that date.

C. C. BROWN, Historian.

ZETA CHAPTER.

Oregon State College

At present, there are seventeen active members in the Zeta Chapter. Of this number, six were chosen from the senior class and initiated on December 13, 1916, and seven were chosen from the junior class and initiated on April 14, 1917. The Zeta Chapter has also been fortunate this school year, in adding Prof. S. H. Graf, of the Experimental Engineering Department, to its roll as an honorary member.

The absence of one of our brothers, Ben Rush, has been felt by all of the members. He left school, early in the semester, to take up work with the Government. He is now employed in the reclamation service. Although he left before the close of the semester, he will receive his B. S. Degree in Irrigation Engineering in June, 1917.

Although the Zeta Chapter does not attempt to mingle with outside affairs, its members are prominent in school activities. Most of the prominent positions in the different engineering societies are filled by Sigma Tau men. The Chapter aims to suggest and promote things which tend to make the Engineering School larger and better known. One of the things, which has been suggested by the members, is a building for the engineering students where the upperclassmen in the different departments of the Engineering school may meet one another and become better acquainted. Another thing suggested is an Engineering dance.

The future for next school year looks very bright. If the war does not interfere, there is no doubt that the Zeta Chapter will be larger and more active next school year.

A. STREIFF, Historian.

ETA CHAPTER.

Washington State College

The middle of the last semester of the school year has found the Eta Chapter busily engaged in fulfilling its plans, which had been laid out last fall.

In regard to the Newman bill, every member used his best efforts to secure its passage. They not only worked with the representatives and senators through themselves, but also by securing the approval of the bill by many of our prominent men.

The big event of the year was the first Annual Sigma Tau dance. The dance was very successful and helped a great deal to prove the sociability of the engineering students as a group.

Eta Chapter's last plan for the year is to place an insert in the college paper, showing some of the most prominent work of our engineering graduates. We feel that by doing this we will not only advertise our graduates, but the engineering department of Washington State College as well.

Throughout the year we have been instrumental in obtaining prominent men to speak to all the engineering students.

J. E. GEUE, Historian.

THETA CHAPTER.

University of Illinois

Sigma Tau, at the University of Illinois, has been enjoying a most successful year. In spite of the fact that we had but twelve old men last fall, it was but a short time until we had doubled that number, and now with the spring initiates, the chapter roll has grown to the healthy number of thirty-four.

Nor indeed, have our efforts been concentrated solely on swelling the list of active men. We have realized, that in an institution as large as the University of Illinois, a closer organization among the brothers was a necessity. To meet this problem, a plan of meetings has been adopted whereby at least three or four times each semester, the chapter will line together at one of the fraternities on the campus. This idea is intended to bring the men in contact with each other on a different ground and in a different atmosphere than is prevalent at an ordinary business meeting. In addition it is designed as an incentive to assure a large attendance at meetings. These gatherings, too, will be devoted in part to literary sessions at

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the seven men intending to return, only Brother Gosewisch was missing.

Since the opening of college we have been very unfortunate in loosing Brothers Mackey and Glanz, both having gone into the aviation service. Brother Marvin Y. Neely who until last year was Grand Historian has also gone into active service receiving a commission as Captain in the Heavy Artillery.

At our first meeting this fall, we decided to give up our rooms, at least for the present year. Our meetings will hereafter, be held once a month in the Engineering building Plans were also made to obtain a prominent speaker for each monthly meeting. At present we are looking forward to taking in a lively bunch of Juniors.

H. L. GODFREY, Historian.

January 1918

EPSILON CHAPTER

Kansas State Agricultural College

Since the last issue of the Pyramid, Epsilon Chapter has changed considerably. Nine of our members left us at the end of school in June to "shift for themselves" and their absence was decidedly felt by those remaining this fall, but we are now past this critical first period and have learned to assume some of the duties they left to us.

The present officers of the chapter are: President, I. O Mall; Vice Pres., M. A. Durland; Secretary, M. H. Russell; Treasurer, C. A Frankenhoff; Cor. Sec'y., R. A. VanTrine; Historian, L. G. Alford.

At the beginning of College in September, the chapter started with ten active members and plans were immediately made for obtaining new brothers. A "Mixer" was held at the Sigma Tau room for the purpose of getting better acquainted with the "possible eligibles"; later, these men were voted upon, and as a result the following men were pledged. J. S. Painter, (EE-19); G. W. McCracken, (EE-19); L. N. Miller, (EE-18); O R. Miller, (EE-18); H. F. Laubert, (Architect-19); G. W. Hamilton, (ME-19); M. G. Schults, (EE-19); W. E. Dickerson, (Milling-19); S. P. Hunt, (ME-19). Also, K. J. T. Ekblaw, of the Department of Farm Machinery; Prof. C. E. Pearce, of the Applied Mechanics Department; Prof. C. E. Baker, of the Department

of Architecture; and Asst. Prof. F. F. Frazier of the Civil Engineering Department, were pledged as honorary members.

We are well represented in Government service by several of our members: Lieutenant W. A. Buck is a paymaster in the Navy. Lieutentant H. A. Dunham is with the Quartermasters Corps at Camp Funston, Kansas. Also, T. K. Vincent and others are in the various branches of government work.

We are also well represented in college activities: Brothers Dickerson, Frankenhoff and VanTrine being owners of Athletic "K's", Brothers Mall and Frankenhoff being on the College Annual Staff, and Sigma Tau's holding the majority of offices in the engineering societies as well as being active in most all other college organizations.

Our scholarship has not been neglected either, for our ranking among all the college organizations for last year was third place among forty.

Our efficiency as an organization is also strengthened by having as alumni members Brother S. A. Smith and H. H. Fenton, who are well acquainted with Sigma Tau standards thru the grand council However, Brother F. A. Wirt has left us to engage in commercial business.

At this time Epsilon chapter has eighteen active members and twelve honorary members. We have several good ideas for the chapter to work upon and, on the whole, things are going fine. We look forward to increased activity for the advancement of our Alma Mater and of Sigma Tau.

L. G. ALFORD, Historian.

ZETA CHAPTER

Oregon State College

Only five of the active members returned to take part in some live meetings the first of this year. Owing to the late date at which school started, the senior elections have not yet been pledged although we expect to add about seven new members, all of whom are qualified.

Many of the alumni as well as two of the active members are in the service.

It is the plan this year to have the pledges perform some "engineering feats" particularly for the purpose of drawing at-

Chapter Letters

ALPHA CHAPTER

University of Nebraska

Since our last letter, Alpha Chapter at Nebraska University has lost three men, Brothers Harding, Luitz and Park, to the Army. Brother Carpenter at the beginning of the year, left school to assist the Agricultural College with Extension work.

The members still with us are as follows:

L. C. Ziegler, President
Glen S. Reeves, Cor. Secretary
V. E. Kaufman, Secretary
S. P. Lindley, Treasurer
L. M. Soltow, Historian
H. B. Thompson

At the last meeting ten new men were elected, but as all have not been pledged to date, I cannot give their names. All of these men are "livewires," and most of them Juniors, so that a good year is in prospect next year.

"Engineers Night," formerly an Annual event until called off last year by the Government, was replaced this year, and in spite of a severe rain storm all the Engineering Laboratories were crowded with interested visitors. All the apparatus was in operation and various student guides explained the operation of the machinery. Many members of the State Legislature, (then in special session) were there, and showed a deep interest in the equipment, especially of the Radio school.

Sigma Tau also helped to entertain several hundred high school students from various parts of the State during the Annual Basket Ball Tournament, by showing them about the Campus and especially the Engineering Laboratories.

L. M. Soltow,
Historian.

GAMMA CHAPTER

University of Pennsylvania

During the past year, Gamma Chapter has maintained the high standard which has been set by the previous classes at Pennsylvania. The honor and privilege of becoming a Brother in Sigma Tau is something which is being sought after more and more by the undergraduates.

Our meetings this year have been held three times a month

and a portion of each meeting is turned over to the entertainment committee so that our meetings have been interesting as well as instructive.

The following men have been initiated this spring. L. S. Tarleton, M. E. '18; E. P. Dobney, E. E. '18; L. W. Mahle, Ch. E. '18; C. S. Franzen, C. E. '19; A. A. Hammill, C. E. '19; A. Douty, Ch. E. '19; G. H. Neuber, M. E. '19; J. C. Rhodes, Ch. E. '19; G. E. Wagner, M. E. '19; J. B. Bechtel, C. E. '19; R. E. Hess, C. E. '19; T. H. Barker 2nd, E. E. '19; A. M. Dickey, C. E. '18.

All of the Brothers initiated into Sigma Tau this year have been active in some phase or another of college life. On February 21, '18 we held our annual banquet. The affair was a grand success, thirty-five men attending. Many of the older graduates were present making the affair a real reunion.

H. L. Godfrey,
Historian.

May 1918

EPSILON CHAPTER

Kansas State Agricultural College

Since our last report, Epsilon Chapter of Sigma Tau, as well as all other organizations of this college, has been rather affected by the general unrest due to the war situation. At first a good many of the men were worried as to whether or not they would be allowed to finish school before being drafted, but the Engineer's Reserve made all of Sigma Tau members sure they would be allowed to finish. We have eight members in th Engineer's Reserve, two in the Naval Reserve and nine belong to neither since they have not been required to register.

That the chapter has kept up its scholastic record is evidenced by the fact that Bro.'s Durland, Russell and Hudson have recently been elected to the national honorary fraternity of Phi Kappa Phi. Also, the general average of the fraternity among other organizations, has increased.

Our president, Brother Mall, who was just recently married, is enlisted in the aviation section of the Navy and expects to be called to service immediately upon finishing school this Spring. Brother Dickerson left us at the end of the semester, to enter the Marine Corps of the United States. Prof. R. A. Seaton, who is a charter honorary member of Epsilon chapter, left in April to accept a commission as Captain of Ordnance at Washington, D. C. Dean A. A. Potter has recently been appointed by the war department to be head of a department for extending Engineering Education.

Several times of late the chapter has been favored by treats given by men who have lost their Sigma Tau jewelry. The habit seems to be quite catching, for we still have several more treats in view.

Mr. E. T. Williamson E. E. ('19) was initiated on April 23. He expects to work during the summer for the G. E. Co. at Schenectady. Several more of the men, especially the seniors are figuring on going to the G. E. Co.

The following men are to be the chapter officers for the coming school year:

President	Gordon Hamilton
Vice President	J. S. Painter
Secretary	E. T. Williamson
Cor. Secretary	S. P. Hunt
Treasurer	H. F. Laubert
Historian	G. W. McCracken
Guide	H. G. Schultz

At present we are planning to entertain the prospective eligible sophomores with a party. There are quite a few good men in the Sophomore class who, we feel sure, will make excellent members of this fraternity and take the places of those of us who are leaving this year.

L. G. Alford,
Historian.

ZETA CHAPTER

Oregon State College

Zeta Chapter began the school year with only five active members, two alumni and three honorary members. As soon as practicable, seven seniors were pledged and initiated on January 11, 1918. When the new members became familiar with the workings of Sigma Tau, eight juniors were pledged. The initiation was held March 23, 1918. At the same time Dean E. K. Soper of the School of Mines, Prof. Charles E. Thomas of the Experimental Engineering department were initiated as honorary members. Brother Odeen was present on both occasions and officiated at the initiation of the honorary members. The banquet following each initiation was extremely simple and in accordance with the spirit of our national food conservation plan. As some of our new members were Glee Club men and others possessed plenty of volume, a little serenading was indulged in after the banquets.

At the present time Zeta Chapter has eight juniors, twelve seniors, and six honorary members making a total of twenty active members. At the present time there are two alumni, sc [illegible] Dickerson left us, at the end of the semester, to [illegible] tion. The honorary members are all live men who can be depended upon to keep the Sigma Tau spirit alive during the strenuous years that are before us. I have no list at the present time of Zeta men in the service but know that many are holding commissions in various branches. Nearly all of our members of the advanced division Reserve Officers Training Corps, and some have enlisted in the Engineer Reserve Corps. Zeta men are all well represented as officers in the local regiment which made the distinguished class last year, and as the result of the inspection made today, expects to hold the same honor this year.

The chief activity of the Chapter has been in the way of working toward the publication of the "Student Engineer." This is a technical magazine published by the Associated Engineers of O. A. C. and this year has the largest circulation known in its history.

H. W. Thoms,
Historian.

ETA CHAPTER

Washington State College

Eta Chapter has had a very successful year even though we have lost one-third of our members. They have left school and are now in the services of the United States. The members of Eta Chapter have taken an active part in Student Affairs during the past year. Our President E. B. Parker, is president of the Associated Students. Members of Sigma Tau are leaders in the various departmental societies and it was through their efforts that an All Engineer dance was given and made a decided success. On Monday, February 25, 1918, we gave a banquet in honor of the Grand President of Sigma Tau, W. J. Wohlenberg, who was a visitor at that time. Brother Wohlenberg gave us a very interesting talk on the Future of Sigma Tau, after which a round table discussion took place.

On April 11, we initiated S. E. Stites and W. Hendron as active members and Prof. O. L. Waller as honorary member. Eta Chapter has now eleven active members. Although most of these will graduate this year, we have six good men left to make Eta Chapter stronger and better for next year.

B. Benz,
Historian.

THETA CHAPTER

University of Illinois

Since Theta Chapter was last heard from, there has been several changes. Brothers Armstrong, Harbicht, Taylor and Trickle have left us, and have either entered the service or are

At the last meeting in March new officers were elected, in accordance with the revised constitution. Henry J. Wing was elected to succeed H. C. Gustafson as President; Ralph Tracy to succeed O. D. Smalley as Corresponding Secretary.

Seven pledges will be initiated about April thirteenth. Twenty active members graduate this term leaving a group of sixteen active and nine honorary members to take up the work next fall.

In closing, I might say that the year has been a successful one, both for the Engineering College and for Sigma Tau, which are correlated and are a mutual help to one another.

R. U. TRACY,
Corresponding Secretary.

GAMMA CHAPTER

University of Pennsylvania

Gamma Chapter is passing through one of the best years of its existence. At present the Chapter consists of twenty-one active members, ten of whom have been initiated this year. They are as follows: C. Alexander Wray, Jr., M.E., '20; Earl F. Lion, M.E., '20; William C. McIntyre, E.E., '20; Russell Ervin, Jr., E.E., '20; Russell Stoughton, C.E., '20; Farnam N. Warrwick, C.E., '20; Walter E. L. Irwin, M.E., '21; John R. Thorpe, M.E., '21; Edgar G. Rhodes, M.E., '21; Ashby B. Paul, C.E., '21.

All of these Brothers are "live wires" and are prominent in the various lines of student activity. Wray is a varsity football man; Warwick a varsity baseball man; Irwin a varsity trackman; Rhodes a varsity fencer; and Stoughton is a leading character in the Mask and Wig (Dramatic) Club. The older brothers are also active. Ramsey is president of the Mask and Wig Club, Kirchner is manager of wrestling, and Hess is captain of the varsity sabre team.

All of these things tend to keep Sigma Tau before the eyes of the whole engineering school, especially when it is known that all of these men are in the higher third of their class.

Gamma celebrated her eighth birthday with a banquet on February 22. All of the active brothers and about fifty of the alumnus were here. At that time it was decided to keep on with our idea of building so that some day we can build a house, which, of course, the active chapter will use for its meetings. Everyone had all sorts of "pep" and enthusiasm so that something was happening all of the time.

We feel that in the future our chapter is going to be far larger and better and we will be a credit to the Fraternity.

ROLLIN M. CLARK,
Historian.

May 1920

EPSILON CHAPTER

Kansas State College

Since the last issue of the PYRAMID, Epsilon Chapter has been actively engaged in the building up of the chapter and in the study of some of the problems of the engineering division of the Kansas State Agricultural College.

Two new members have been initiated into Sigma Tau. These men are D. S. McHugh, senior electrical, and H. K. Shidler, junior civil. There are also, at the present time, two pledges.

Epsilon Chapter held its annual election on March 4, at which time the following men were elected to office: President, W. E. Dickerson; Vice-president, F. J. Maas; Secretary, D. J. Mosshart; Treasurer, O. L. Cullen; Historian, O. D. Howells.

Epsilon Chapter has adopted a new plan by which it is hoped to make the meetings more interesting to the members and make a better understanding between the students and the faculty. This plan consists of having a short program arranged for each meeting night, at which time, it is planned to have one or more of the faculty brothers talk with us on subjects of vital importance to both the faculty and the students. Since Sigma Tau men are representative men of the student body, ideas and attitudes of the student body can be more readily discussed and brought to the attention of the faculty. Plans are laid to secure practicing engineers to speak to us.

Although Epsilon Chapter, in accordance with the policy of Sigma Tau, does not take part in college politics as a body. However, the Fraternity's influence can be felt as shown in the results of the recent election of the staff officers of the K.S.A.C. Engineer, an engineering publication, for the ensuing year. In this election four men were elected to office, three of whom are Sigma Taus and one a pledge of Sigma Tau. In addition to this, Sigma Tau men are active leaders in the various departments of the engineering division.

Epsilon Chapter plans to give a mixer this spring to get acquainted with the available pledging material from the present sophomore class. At present the outlook is very encouraging for the growth and the development of Sigma Tau at Kansas State Agricultural College.

O. D. HOWELLS,
Historian.

ZETA CHAPTER

Oregon State College

Zeta Chapter has accomplished much since the last chapter letters were published.

Sigma Tau edited an issue of the college paper and this did much to bring Sigma Tau to the attention of the students.

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CHAPTER LETTERS

ALPHA CHAPTER

University of Nebraska

Alpha Chapter of Sigma Tau started out a very successful year with the election of officers in April. Wing, our new president, has shown himself to be a very capable executive and our most prosperous year is a foregone conclusion.

Just as school was closing last year, in accordance with a custom of Alpha Chapter, we presented the Engineering College with a bronze tablet commemorating the Nebraska Engineers who paid the supreme cost in the World War.

During registration, we found fifteen active men in the chapter would be back for the school year. At a regular meeting of the chapter thirteen students were elected to membership, and an honorary membership was bestowed upon the Chairman of the Department of Mechanical Engineering, W. L. DeBaufre. The students elected were as follows: Gurdon F. Uplinger, Raymond A. Ogier, Richard C. Talbot, Marshall R. Joy, Virgil S. Acton, Albin V. Lindgren, Clarence A. Sjogren, Hawley N. Barnard, Paul E. Peterson, Rutgers G. Van Brunt, Phil M. Parker, Byron O. Dorn, and Lawrence W. Metzgar.

The first social event of the year for Sigma Tau was a smoker held at the Bushnell Guild House, for the new pledges. At this time several blueprints showing the paddles to be made by the initiates were passed around. The design of the paddle is particularly good—copies may be obtained by any of the other chapters.

November sixth we held the initiation and banquet. The aforementioned paddles came into very good use and proved their worth. Several of the alumni were back to the banquet—something we like to see.

Our latest social event was a dance staged at Ellen Smith Hall, at which about forty couples were entertained. This was the crowning event of the season. We hope to put on some more dances throughout the year.

Alpha Chapter has started to hold meetings every other week. One meeting to be a business meeting with a dinner preceding it, and the other a social evening at some one of the fraternity houses.

GAMMA CHAPTER

University of Pennsylvania

January 1921

Letter too late for publication.

EPSILON CHAPTER

Kansas State College

Epsilon Chapter opened strong this year when nine active members reported back to college. These men were: W. E. Dickerson, D. J. Mosshart, Guy Shelly, O. D. Howells, E. E. Gilbert, F. J. Maas,

Murel Lucas, M. S. Stigers and H. K. Shidler. Oscar Cullen was the only Junior member of last year who did not report back. He expects to be back in school the second semester of this year, however.

As soon as the college work had become established, an active campaign was instituted to secure new members. This resulted in the pledging and initiation of eight new members: Edwin S. Elcock, (C. E.), Paul L. Sites, (C. E.), Gerald Garlock, (E. E.), Marion H. Banks, (M. E.), Clarence H. McCandless, (E. E.), Cecil L. Bower, (C. E.), Tracy E. Johntz, (M. E.), and Walter T. Rolfe, (Arch.). All of these men are active in college affairs and represent the pick of men from among the engineers.

Sigma Tau is becoming well known at K. S. A. C. due to the activities of its members. Almost the entire staff of the *K. S. A. C. Engineer* is composed of Sigma Tau men. M. S. Stigers is editor with F. J. Maas as assistant editor. H. K. Shidler is business manager and Guy Shelly is alumni editor. In addition to this Brother Shidler is also president of the Engineering Association at K. S. A. C. and secretary of the American Association of Engineers. Brother Walter Dickerson, our president, is also president of the chapter of American Association of Engineers. He is also prominent as a K man in varsity baseball.

Not only through the activities of its individual members but also through the activity of the chapter as a whole, Sigma Tau is exerting a strong influence in the engineering division. It is the policy of Epsilon Chapter of Sigma Tau to be the originator of various ideas which are thought to be of benefit to the engineers at K. S. A. C. and then to carry these ideas out through the activities and suggestions of its members in the various seminars. One thing which originated in Sigma Tau and for which plans are being rapidly completed, is an open house, to be given by the engineering division to the students and faculty of the other divisions in the college. The purpose of this open house is to enable all the students in the college to inspect the engineering division and to really see what is being accomplished by the engineers at K. S. A. C.

Epsilon Chapter regrets to announce that Dean A. A. Potter resigned from his position as Dean of Engineering at K. S. A. C. to accept a position as Dean of Engineering at Purdue University. His place has been filled, however, by one of the best men to be obtained for this position, being Dean R. A. Seaton. Dean Seaton is an honorary member of Sigma Tau, and is a strong booster in all its activities. We always feel sure of Dean Seaton's hearty coöperation in any activity which the chapter undertakes.

At the present time a new $200,000.00 engineering building is rapidly nearing completion which will give the engineers much needed room for expansion and will make K. S. A. C. one of the best engineering schools in the west.

Epsilon Chapter feels, that with the present members and prospective members, the present year will be one of the most prosperous years for Sigma Tau since the war interfered with its activities at K. S. A. C.

ZETA CHAPTER

Oregon State College

Representative expansion and progress may be considered the watchwords of Zeta chapter, Oregon State Agricultural College, for this year. The chapter has expanded in numbers to a greater extent than heretofore, and is considering means to establish itself soundly as a leading student organization.

With only six active members on the roll at the opening of college last fall the chapter found it difficult to function in the proper manner, and after careful consideration adopted the policy of a larger and more representative membership. The college has made rapid increase in size and enrollment during the last two years, there now being thirty-five hundred students, of which number more than eight hundred are engineers of various branches, and it was clear that the small membership maintained in the past would not be justified under the new conditions.

Sixteen seniors were pledged early in December, the number being made up of three mining students, three electrical, three civil, six mechanical, and one chemical. The pledges are as follows: Wilbur L. Telford, Linden, Ore.; Samuel J. Doukas, Portsmouth, Va.; Chas. E. Boge, Cornelius, Ore.; Harold S. Carter, Drain, Ore.; Ralph Reid, Dundee, Ore.; Carl F. Rodolf, Corvallis, Ore.; Carroll F. Reeves, Hillsdale, Ore.; Frank N. Waters, Los Angeles, Cal.; Carl S. Kleinau, Jerome, Ida.; James H. McFarland, Grants Pass, Ore.; Roy M. Quackenbush, Portland, Ore.; Dewey H. Bitney, Woodburn, Ore.; William V. Alcorn, Corvallis, Ore.; Kenneth B. Hall, Portland, Ore.; Harold Gage, Corvallis, Ore.; James C. Larsen, Suver, Ore.

Active members of the chapter now in college are Merrell C. Jasper, Caldwell, Ida.; William H. Foster, Portland, Ore.; Henry W. Fish, Albany, Ore.; Dean S. Carder, Medford, Ore.; Guy H. Butler, Albany, Ore.; and Homer B. Morris, Yamhill, Ore. Honorary and alumni members present this year are Dean G. A. Covell, Dean C. E. Newton, and Professors S. H. Graf, S. M. P. Dolan, J. H. Belknap, D. R. Smith, R. H. Dearborn, and C. E. Thomas.

The chapter feels that an especially fine class of pledges has been selected. Among the active members and the pledges are numbered men prominent in student activities, and a large percentage of college engineering organizations and activities are headed by Sigma Tau men.

A class of juniors will be pledged early in 1921. Initiation of the senior pledges will be held the first week in January, as it is thought best to initiate the seniors first so they may take part in the initiation of the juniors later.

The chapter did not have enough pledge badges to accommodate the increased number of new men, and to carry over the shortage a small loop of blue and white ribbon was adopted as the pledge badge until more of the official devices could be obtained.

To secure better coöperation between the engineering faculty and the fraternity, a letter was written to each member of the engineering faculty, who had contact with juniors and seniors, requesting that he recommend such students as in his judgment were worthy of making Sigma Tau. With this information at hand, the chapter has a convenient index to outstanding students. This also makes it unnecessary to bring any name to the attention of a member of the faculty who may not be a Sigma Tau.

Zeta chapter plans to publish an alumni and chapter letter the first part of the year. In this way a better bond between the chapter and its alumni brothers will be cultivated, and each alumnus will know of the whereabouts of his old classmate and friends.

The last week before the Christmas holidays was celebrated by an informal luncheon at which both members and pledges got together in the tea room of the home economic building for an hour of good fellowship and good "eats."

With the increased membership which we will have in 1921, and following the constructive plans which are being considered and those under way, Zeta chapter expects to experience a very successful and useful year.

ETA CHAPTER

Washington State College

Since the last chapter letter was written, Eta chapter has been very active. Six members were initiated in June. They were Lester Moyer, Albert Carlson, Arthur Bond, Claude Kreisher, John Robinson, and Clarence Studer. For an initiation stunt these men were given the job of building a sun dial for the campus, and showed their quality as engineers by building one that the members of Sigma Tau can point to with pride.

This fall there have been two important events. One of these was a dance that was held in the drawing-room of the Mechanic Arts building. This dance gave the pledges an opportunity of getting better acquainted with the members than could be done by contact in the classroom, and it also let the under classmen know about Sigma Tau so as to give them an incentive to work harder in order that they might be eligible for membership.

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GAMMA CHAPTER

University of Pennsylvania

Letter not received in time for publication.

March 1921

EPSILON CHAPTER

Kansas State College

Letter not received in time for publication.

ZETA CHAPTER

Oregon State College

It was well along toward midnight, April 15, before the Zeta chapter, Oregon State Agricultural College, finished the ceremonies of initiating a class of four seniors and thirteen juniors into the fraternity. This class which is the largest that has ever been taken into the local chapter was made up of seven mining students, two mechanical, four civil, two chemical, and three electrical.

These men were pledged last February but due to unavoidable circumstances the chapter could not hold the initiation before the date as given. The names of the new members are as follows: James L. Mahon, Hillsboro, Ore.; Kenneth Phillips, Albany, Ore.; Darwin Ingalls, Wilderville, Ore.; Harold Gage, Corvallis, Ore.; Clarence Christianson, Portland, Ore.; George A. Drewett, Prairie City, Ore.; Ture Harold Johnson, Woodburn, Ore.; Theodore A. Langton, Newberg, Ore.; Wade V. Lewis, Portland, Ore ; Curtis G. Mohney, Salem, Ore.; Walter D. Olson, Portland, Ore.; Otto B. Packard, Santa Ana, Cal.; Linus C. Pauling, Portland, Ore.; George H. Routledge, Portland, Ore.; Joe W. Tibbetts, Portland, Ore.; W. H. Welch, Corvallis, Ore.

Besides the new members just listed other active members now in college are: William V. Alcorn, Dewey H. Bitney, Chas. E. Boge, Guy H. Butler, Dean S. Carder, H. S. Carter, Chester E. Crowell, S. J. Doukas, Henry W. Fish, W. H. Foster, K. B. Hall, M. C. Jasper, C. S. Kleinau, James C. Larsen, J. B. McFarland, Homer B. Morris, R. H. Quackenbush, C. F. Reeves, Ralph Reid, Carl F. Rodolf, W. L. Telford, Frank N. Waters. Honorary and alumni members present this term include Dean G. A. Covell, Dean C. A. Newton, and Professor S. H. Graf, S. M. P. Dolan, J. H. Belknap, D. R. Smith, R. H. Dearborn, and C. E. Thomas.

The first business meeting since the new brothers were added to the Zeta roll was held on the night of April 19th. The long delayed election of officers was held at this meeting and the following officers were elected: Joe W. Tibbetts, president; Dewey B. Larson, vice president; Linus C. Pauling, secretary; Ture H. Johnson, treasurer;

Walter D. Olson, corresponding secretary; and Otto B. Packard, historian.

With the ever increasing growth of the college, new problems, which the Zeta chapter will have to meet, are coming up continually. One thing that the new staff of officers hopes to incorporate in their policy is a definite publicity program. By this means it is hoped that Sigma Tau may be placed before all the engineering students in the college so that they may better understand the fraternity's relation to the college as a whole.

It is the ambition of the new officers to carry out the plans which were made by the retiring staff, and with the adoption of the policy of expansion and progress there is no doubt but what Zeta chapter will continue to be one of the upbuilding factors in engineering school at the Oregon State Agricultural College.

Joe W. Tibbetts, *President.*

ETA CHAPTER

State College of Washington

Since our last letter to The Pyramid Eta Chapter of Sigma Tau has been bringing itself before the student body in a more forceable manner. In the early part of the school year the All Engineers held a smoker at which the Sigma Tau neophytes put on a stunt. Then some of the older brothers explained to the new students that Sigma Tau is an honorary fraternity and told them the requirements that one must have that he may be eligible to membership. Attention was called to the work the pledges were doing.

The things done on the campus this year by Sigma Tau were the repainting of the tower clock dials, and putting large flood lights in such places as to show not only the outline of the entire tower but also make the dials plainly visible for several blocks. Another thing was the erection of a sun dial.

The new members elected this year were: Charles Carpenter, Ralph Nash, Ernest Johnson, Lawrence Leveen, Arthur Wegner, Harry Garver, Maurice McIlveen, Neal Klemgard, and Marcus Lester.

Harry L. Garver, *Historian.*

THETA CHAPTER

University of Illinois

Theta Chapter has initiated the following men into the hidden mysteries of Sigma Tau: V. K. Haldeman, A. J. Ingold, S. B. Kitch, R. F. Moore, F. W. Scheineman, R. J Malcolmson, A. A. Strane, W. H. Rodgers, W. J. Klingberg, J. C. Porter, C. Councell, C. Clarke, R. E. Spicer, H. D. Rosendale, M. Abbitt, J. P. Thompson, all of the Class of 1922, and C. W. Cleworth of the Class of 1921.

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CHAPTER LETTERS

ALPHA CHAPTER

University of Nebraska

Alpha Chapter of Sigma Tau has started that which we are determined to make a very successful year, under the guidance of our very capable executive, Richard C. Talbot. During registration we found that nineteen active men had returned to start the present school year. Among those returned was P. O. Harding, ex-'17.

At a recent meeting of the chapter sixteen new men were elected to membership. We feel we have been successful in picking the strongest and most active men in the two upper classes of our college. Among the names you will notice that of Raymond F. Weller, varsity football man who was a very material help in defeating Pitt. The students elected were as follows: Paul Kruech, Walter Scott, J. E. Applegate, R. F. Weller, Glen C. Pickwell, Don J. Young, J. A. Brooks, H. E. Fox, William A. Mueller, Lloyd P. Shildreck, R. F. Gingrich, C. E. Hirsch, B. Ellsworth, H. A. Karo, Hubert Upton, and Don Brown.

The first social event of the season was a smoker in honor of our pledges which was held at the Delta Tau Delta house. This was for the purpose of getting better acquainted with the pledges, and also to pass out the blue prints of the Initiation Machine, namely a nicely designed paddle.

We are planning for our initiation and banquet at an early date. We expect to investigate the efficiency of the aforementioned machine at that time.

The new secretary of the University of Nebraska Alumni Association is Harold F. Holtz, a former active Sigma Tau. Mr. Holtz was an American ace serving on the Italian front.

We are holding regular bi-monthly meetings, alternately business and social. Our plan is to have a dinner followed by a business or social session.

WALDO H. MENGEL, *Historian.*

GAMMA CHAPTER

University of Pennsylvania

Gamma Chapter at the University of Pennsylvania opened for the year 1921-1922 during the latter part of October. We have a very fine chapter to start with this year and look forward to making this the biggest year that Sigma Tau has had here.

Plans have been made for a smoker to enable the active men to become better acquainted with the men eligible for election this term. From all reports there seems to be an abundance of good fraternity

material and we expect to initiate a very representative group of the Engineering School. Our initiation will probably be held some time around Thanskgiving.

In the near future we expect to visit our sister chapter at Swarthmore. We are anxiously waiting to hear from the chapter there so that a definite date can be arranged, when both can meet together in an effort to bring the two closer together in spirit and unity of purpose.

This year our men are well represented, not only in engineering, but in all university activities. We have captains of varsity crew and varsity lacrosse, president of undergraduate Mask and Wig, former manager of the wrestling team and manager of the rifle team, and several senior society men. In the Engineering School Sigma Tau men occupy nearly all the important positions as, officers of the Engineering Association and of the engineering societies, managing board of the new *Towne Scientific Journal,* officers of the Men About Towne Club, now busy producing the annual Engineers' Show. This year all the members of the engineers' senior society, Hexagon, are also Sigma Tau men.

The Gamma Chapter wishes its sister chapters the most prosperous and successful year and hopes that during the year Sigma Tau will continue to grow and prosper as never before in its history.

HENRY FORD, *Historian.*

EPSILON CHAPTER

December 1921

Kansas State College

When the rush of enrolling had passed by, the Epsilon Chapter had a check roll call and found ten active men in school to take up the work of Sigma Tau. Brother James failed to return to school to assume the duties of Historian so Brother Stalcup was elected. Eight men from the eligible juniors and seniors were pledged and were initiated on November 3 in due form.

Epsilon Chapter's entire heart and soul is at present bound up in the dedication of the new $200,000 addition to the Engineering Building, which is to take place November 19. The engineers' parade at 6:30 on the evening of the eighteenth with approximately thirty-five floats, all electrically lighted from a central portable power plant, will no doubt attract considerable attention. The morning of the nineteenth will be taken up by the official opening of the doors and will be followed at 11:00 by a complete open house to all visitors, alumni, and townspeople. Among those invited to be present and to take part in the dedication are: E. R. Nichols, an aggie graduate and now president of Massachusetts Institute of Technology; E. B. McCormick, former dean and at present with the Bureau of Public Roads, Washington, D. C.; O. P. Hood, chief mechanical engineer,

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U. S. Bureau of Mines, Washington, D. C.; G. W. Wildin, an aggie graduate and now general manager of Westinghouse Airbrake Co., Pittsburgh, Pa.; A. A. Potter, former dean and at present dean of engineering at Purdue University, and Governor Allen of the state of Kansas. Letters from alumni indicate a large attendance of old grads, as the dedication is the same day as the homecoming game with Oklahoma University.

The field of Sigma Tau is growing in this school as indicated by the record enrollment of almost eight hundred regular engineering students at the beginning of the fall semester. They are a live bunch and are working harmoniously through the recently reorganized Engineering Association for a bigger and better Kansas State School of Engineering.

The recent addition to the Steam and Gas Laboratory of a completely equipped Spad airplane, three airplane engines, and several propellers, for thesis work is proof that Kansas State is fully alive to modern development in the engineering field.

E. F. STALCUP, *Historian.*

ZETA CHAPTER

Oregon State College

When school opened for the fall term, the roll call of Zeta Chapter showed that a goodly number of last year's active members were present and that there would be no handicap due to lack of numbers. Seventeen active members and seven honorary members were present to answer to their names.

Two men were pledged a short time before the close of the spring term last June and were not initiated until their return this fall. After the initiation of these men, Paul H. Emmett and Curtis C. McKinney, the regular work of the chapter was taken up and has been progressing smoothly.

The pledging of new men has taken a good part of our time up to date and those who were pledged are as follows: E. L. Aikins, M.E.; A. L. Albert, E.E.; H. W. Dilley, E.E.; W. B. Ellis, E.E.; J. D. Frantz, E.E.; G A. Hathaway, C.E.; O. M. Helmer, Chem.; G. F. Hongell, Mining; G. A. Jones, M.E.; Charles Lowe; Herman Miller, E.E.; Horace Miller, E.E.; R. B. McEachern, M.E.; E. D. Roberts, C.E.; O. E. Romig, Chem.; Luther Yantis, Mining.

The initiation of these men is to take place about the first of December and the chapter will then be made up of thirty-five active members.

Due to the growth of the school and the resultant changes in existing conditions, it has been found necessary to make some changes in the local policy of Zeta Chapter. With these changes made and with the best of prospects in view, the outlook for the

present year is very promising and Sigma Tau should continue to be an important factor in promoting the best interests of engineering.

O. B. PACKARD, *Historian.*

ETA CHAPTER

State College of Washington

Sigma Tau at the State College of Washington is still wide-awake and is, as usual, at this time of the year, watching the year's neophytes do some useful thing about the campus. There are twelve new men to be initiated some time in the early part of December who are at work elevating the front part of the auditorium seats. Any person who has ever had the punishment of sitting on one of the benches as they have been in the past will exercise no difficulty in recalling the constant tendancy he had to slide forward out of it, and how he propped his knees against the back of the seat in front of him in his attempt to avoid spilling onto the floor. The front of the seats are being raised about an inch and a half which makes sitting in them a comfort.

The College of Engineering has been strengthened materially this year by the addition of several new instructors, the Electrical Department especially. Two or three new generators are being added to the laboratory equipment and some needed repair work is being done.

The chapter will continue the practice this year of having each of the senior members give a half-hour talk sometime during the year. These talks are well selected and thought out before the meeting and are of value to both the speaker and the other brothers.

The pledges are: Townley Heald, Halsey Davidson, Lincoln Meeker, Roy Nash, Harold Eddy, Carrol Webber, Orville Hunt, Rhea Pyle, Reuben Blom, Charles Cole, James Watson, and Hugh Allen. Four of these men are seniors.

HARRY L. GARVER, *Historian.*

THETA CHAPTER

University of Illinois

With the start of another year at Illinois we find Sigma Tau probably the leading engineering fraternity. Beyond a doubt the men enrolled are the most active in the engineering college and show symptoms of becoming engineers.

At the formal initiation held on November 16 at the Inman Hotel the following men were initiated into the mysteries and sworn into the fellowship of Sigma Tau: C. E. Stenicka, A. L. Sanders, C. G. McTaggart, R. Kerchner, E. L. Hubbell, D. A. Monro, J. W. Harriman, A. W. Breyfogel, W. A. Gurtler, R. E. Erickson, W. B. Dehr, P. T. Dedman, R. G. Conen, A. W. Cooper, and J. J. Bresee.

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At our last banquet, held December 16, 1921, a goodly number of alumni were present and expressed favorable comment for such an occasion. It is our intention to include a more complete write-up in the annual letter and place the idea vividly before the alumni members of Sigma Tau that they should come back and enjoy the meeting of their classmates and college friends. The active chapter can be benefited by the presence of these men who have gone out and have successfully carried on the work of the engineering profession and the other duties before them. With their aid and assistance, the active chapter can be uplifted still more and can strive for the true ideals set up in the original work of the Founders who spent many months in establishing an organization, membership in which we now enjoy. And again, it seems befitting that such a meeting should take place; the co-operation of all will do wonders if we would apply ourselves as did these Founders, for in union there is strength.

A. V. LINDGREN,
Corresponding Secretary.

GAMMA CHAPTER

Gamma Chapter of Sigma Tau is again holding its prominent place in the activities of the Engineering School of the University. After a process of careful elimination, we wish to announce that A. O. Shaeffer, '22, Ch.E.; H. R. Fry, '22, Ch.E.; J. M. Harris, '22, Ch.E.; J. Lindsay, '23, C.E.; H. P. Wall, '22, Ch.E.; J. Clothier, Jr., '22, E.E.; C. H. Landenburger, '22, Ch.E.; A. Zimmerman, '23, M.E., have been elected to the chapter. These men were initiated on January 9, 1922. (A good time was had by all.) We believe that we have secured an unusually fine group of men who will carry out the ideals of Sigma Tau. We still have six vacancies, but at present we are unable to select anyone to fill them because mid-year exams might affect the standing of some of the possibilities.

At all the regular meetings we have been having at least one alumnus of the fraternity address the chapter on some subject that is of interest to everyone. The plan has been carried out very successfully and has been a great stimulus in creating interest among the alumni of the chapter.

Our annual Founders' Day banquet is to be held on February 22, which we are all looking forward to as it is the only time that the active men and the alumni can get together. The alumni have set that date aside as a Sigma Tau reunion night for several years and look forward to the affair with as much interest as the active men.

In order to make plain just what the men of the chapter are doing we have:

Brother "Chang" Thorpe, president of the chapter, president of the Mask and Wig Club, Friars Senior Society, Hexagon Senior Society, Alembic Society.

"Charlie" McAnally was awarded his varsity P for football, captain of lacrosse, president of the Engineering Association, Sphinx Senior Society, Hexagon Senior Society.

"Burt" Wilford, varsity lacrosse and Hexagon Senior Society.

"Jack" Cornell is business manager of the *Towne Scientific Journal.*

"Hank" Ford, president Engineering Association, treasurer of Men About Towne Club, Hexagon Senior Society, Alembic Society.

"Cholly" Foppert is president of Civil Engineering Society, treasurer of the Engineering Association, Circulation Manager of *Towne Scientific Journal,* Hexagon Senior Society.

"Whitie" Ames is former manager of Wrestling, Hexagon Senior Society.

If space permitted we might say a lot of the men who have not been mentioned, but who are just as active. Our sister chapters can see that we are out for the men who are delivering the work scholastically, and at the same time doing something for the University and the fraternity.

We wish to congratulate Mu Chapter on its most interesting list of honorary and active members, and sincerely hope that 1922 will be her banner year.

Gamma Chapter is very anxious to keep in active touch with her alumni and any word of their activities will be greatly appreciated.

HENRY E. FORD.

EPSILON CHAPTER

February 1922

Just before adjourning for the holidays Epsilon Chapter put on one of its most successful banquets in the banquet room of the Pines Cafeteria on December 15, 1921. Following the four courses there accumulated the usual cloud of smoke from the cigars of the fifteen guests and eighteen active members. At a rap for order we turned to observe Brother W. T. (Jack) Rolfe, the toastmaster of the occasion, dimly outlined through the haze. In his usual pleasing manner he explained the reason for the banquet to be a means of bringing the old and new men in closer contact and understanding. Following this he called on the Dean and several faculty members for short talks.

Our Dean, R. A. Seaton, gave an interesting discussion of the benefits of Sigma Tau, the relation of the men of Sigma Tau to the rest of the school, and of the field for expansion of the fraternity. We enjoyed his talk very much and mean to profit by it. Professor Calderwood, head of the Department of Steam and Gas, spoke on

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"Habits and Their Relation to Engineers." Professor Conrad, head of the Department of Civil Engineering, spoke on "Engineering Ethics." Professor Reid, head of the Department of Electrical Engineering, spoke on "Practice and Theory." Professor Walters, professor emeritus, "Architecture." "Daddy of All Engineers," spoke on "The Old Day and the New."

We enjoyed all the talks, but more especially this last one by Daddy Walters. He said, "I could tell you young fellows that the old days were the best, that the boys worked harder, that the girls were less frivolous, that people were more healthy, that everything was better—but I won't. When I look into the clear-cut faces of these robust young people of this day and age, see them in their athletics, and in their work, see their enthusiasm, I cannot believe that the old days were the best. You have many advantages now that we did not have in those days. Make the best of them."

At a rather late hour we adjourned, with a feeling that the time had been more than profitably spent, and that a more thorough spirit of friendship existed between us.

One of the important things that will come before the next meeting of Epsilon Chapter is the nominaton of men for the spring election to membership. There is quite a large number of men to be considered.

E. F. Stalcup,
Chapter Historian.

ZETA CHAPTER

The fall term at Oregon Agricultural College opened on September 19, and found Zeta Chapter with an active membership of sixteen. The return of practically all the undergraduate members gave the chapter a good start and a firm standing at the time of resuming its activities.

One of the first things done was the initiation of two men who were pledged at the close of the spring quarter of last year.

As soon as things became settled, the selection and pledging of new men was begun. Sixteen were found eligible and qualified and all accepted pledges. The initiation of these men was held a short time before the close of the term for the holidays. The annual initiation banquet followed the initiation ceremonies and was an enjoyable success.

The present condition of the chapter is very promising. The membership is well balanced and prospects are good for furthering the interests of Sigma Tau.

I am sorry to say that at this time I can give no definite information on what we are going to do for Founders' Day. However, I will say that we are going to observe the day. Our celebration is to be in the form of a banquet to be held on February 21, instead of

on the twenty-second. We are trying to have Brother Stevens (one of the Founders of Sigma Tau) with us on this occasion, and if we succeed he will give the address of the day. We will also have speeches by our honorary members, and by at least one of our alumni.

THETA CHAPTER

Theta Chapter of Sigma Tau seems to be an exception to the old order of things. Instead of laying down on the job just before exams it seemed as if a new flame appeared in the hearts of all the members, for the last meeting of the semester held just before the exams was one of Theta's most peppy meetings and one which accomplished much in the way of business. The faculty members present delivered some interesting and instructive talks.

Theta Chapter has decided to erect a bronze tablet in one of the engineering buildings on which will be placed annually the name of the freshman engineer making the highest average. At present this matter is in the hands of a committee which will decide on a suitable plan for the tablet. At the last meeting numerous plans and suggestions were given the committee.

At the last meeting it was decided to rate the instructors in the Engineering School as soon as the new semester begins. At present nothing definite has been decided on but it is certain that before many more moons something will be doing along this line. The question before the chapter now is the form this rating system shall take. Some of the members favor the idea of preparing a list of all instructors in engineering and grading them according to such things as knowledge of the subjects they teach, ability to impart such knowledge to the students and the ability to keep the students interested; such list to be given to the dean of the college of engineering. Others are in favor of preparing a list of about twenty-five or thirty of the most popular instructors in the school and making such a list public. While the members of the organization are busy thinking about the form this rating system shall take a number of the instructors are discussing the feasibility of the proposition. Since the announcement of this move of Sigma Tau in the daily school paper the above subject has been the main topic of discussion at many a gathering of instructors.

IOTA CHAPTER

The second quarter opened very successfully for Iota Chapter. All of our active members returned.

Brother Jack was elected captain of the football team and Brother Morris captain of the baseball team. With Brother Willard captain of the basketball team we feel that we are well represented in athletics. We have the basketball manager, have had the football

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The members of Sigma Tau are well represented not only in engineering but in all university activities. At our last meeting it was decided that the historian compile a record of all the activities of the men of Sigma Tau. This record is not available at present.

Another matter brought up at this meeting was the signing of notes for the Student Loan Fund. This fund is for the purpose of helping engineers in their senior year, who need financial aid in completing their course.

Each member of Sigma Tau signs a note for ten dollars, payable within two years after he leaves school. The care and loaning of the fund is in the hands of Prof. George R. Chatburn.

For our representative to the 1922 conclave, to be held at Boulder, Colo., Alpha Chapter has selected its new president, Don J. Young.

The North Dakota petition was accepted unanimously for admission to Sigma Tau at our regular meeting of April 6.

WALTER SCOTT,
Corresponding Secretary.

GAMMA CHAPTER

University of Pennsylvania, Philadelphia, Pa.

The annual banquet was held on April 11, Hotel Walton, Philadelphia. Quite a few old men came back for the occasion and as usual it was a reunion of old classmates. Gamma Chapter usually holds its banquet on Washington's Birthday and it was with some disappointment that the affair had to be postponed this year, due to other affairs at Pennsylvania.

At the last regular meeting of the chapter the officers for the coming year were elected. They are: Albert Zimmerman, president; John Lindsay, vice-president; Howard Wall, recording secretary; Walter P. Miller, corresponding secretary, and Joseph Hewlett, historian. Albert Zimmerman was elected to represent the chapter at the coming conclave, and Edward Wheeler selected as alternate.

Walter P. Miller and Joseph Hewlett were recently elected to Sigma Tau. Miller plays soccer and is active in school publications, while Hewlett is one of the members of this year's Mask and Wig show.

The year for Gamma Chapter has been very successful. We feel sure that the chapter has advanced during the year and with the fine group of men elected from the Junior Class we feel sure that next year this chapter will go even farther.

The summer addresses of the delegate to the conclave and the alternate are: A. Zimmerman, 1512 W. Allegheny Ave., Philadelphia, Pa., and alternate, E. Wheeler, 5306 Pine St., Philadelphia, Pa.

HENRY E. FORD,
Historian.

~~Fall~~ April 1922

EPSILON CHAPTER

Kansas State College, Manhattan, Kan.

Epsilon Chapter held initiation on March 18 for twelve new men. Three of these men, Professor Walker, head of the Agricultural Engineering Department, Professor Weigel of the Department of Architecture, and Professor Wojtaszak of the Applied Mechanics and Machine Design Department, were given the honorary initiation ceremony. The active men initiated were: H. C. Jennings, M. E., '22; Frank Nordeen, E. E., '22; E. E. Kraybill, Arch., '22; T. R. Griest, Arch., '22; L. H. Means, E. E., '23; Gordon Redman, Arch., '23; F. C. Kingsley, A. E., '23; C. D. Gross, A. E., '23; I. B. Kirkwood, C. E., '23.

After the initiation services the thirty Sigma Taus present adjourned to The Pines where a luncheon awaited them. At the conclusion of the feed and when cigars had been lighted Brother Stalcup, acting as toastmaster, called on Professor C. F. Baker, head of the Department of Architecture, "Red" Dickerson, C. E., '21, Professor Walker, Professor L. E. Conrad, head of the Civil Engineering Department, and L. O. Sinderson, newly elected sphinx, for short talks. At the hour of eleven P. M. we adjourned with the feeling of true brotherhood paramount.

A new custom has been established at Epsilon Chapter. The rough-and-tumble part of the initiation ceremony has been done away with and in its place has come the custom of requiring a thesis from each candidate. The theses received this spring are very good and cover a wide range of topics. There is one which I consider especially good, by Brother H. C. Jennings, entitled "A Prediction on the Future Internal Combustion Engine." I wish there was room here to copy it, but since there isn't, here is the way he sums up the situation. "The future motor car engine will be a compound, air-cooled Deisel, thus doing away with the spark plugs, distributor, wiring, coils, magneto, carburetor, preheater, hot-spot, radiator, and muffler. The only troublesome point to be left is the fuel delivering device."

At the meeting of March 3 the officers for the coming year were elected. They are as follows: L. O. Sinderson, president; R. G. Spratt, vice-president; R. S. Love, secretary; Claude Butcher, treasurer; C. D. Gross, corresponding secretary; N. V. Platner, historian.

In the election of Brother Sinderson as president we feel that we have a man who is thoroughly qualified. "Sindy" is a K man in baseball, has been on the basketball squad for two years, is certain to make another letter in baseball in the coming season, is married, is making his way through school by working when most of us are thinking of doing other things, and is above all one of the most likeable men on the Aggie campus. He is a thinker and a worker. With "Sindy" at the head and the other men working with him heart and soul, we cannot but see a bright year ahead for Sigma Tau at Kansas State.

E. F. STALCUP,
Historian.

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Lindsay is President of the Civil Engineering Society and is active in all Towne School Affairs. Brother Miller acts as head of the Engineering Association and attempts to play soccer. Brother Wall tickles a saxophone in the instrumental club and is very successful in depositing solutions on the ceiling of the chemistry Laboratory. Brother Wheeler, is captain of the crew and last but not least, is Brother Zimmerman, who is a member of the Undergraduate Council, a member of Sphinx Senior Society, one of our leading vocalists, and president of the chapter.

By the time this letter is published our smoker which is planned for Monday, December 18, will have come and gone. It is hoped, at this time, to get a good line on material for election to the chapter and to renew our friendship with the elder brothers who have preceded us in stepping out into the cold, cold world. Much time and energy have been spent on the plans for this gathering and it is confidently expected that everyone in attendance will have a bang-up time.

It has been the pleasure of most of the brothers during the past few weeks to meet Professor De Margerie, D. es. Sc., Director of the Topographical Survey of Alsace and Lorraine who is visiting us as exchange professor from France for Dr. Frazer who went abroad last summer. Professor De Margerie has delivered a very interesting series of talks in which he has outlined some of the fundamentals which are at the bottom of the European instability.

The University of Pennsylvania is much upset at this time by the resignation of General Leonard Wood as President of the university which has been tendered to the board of trustees. It is confidently though unofficially believed hereabouts that the resignation will not be accepted but that powerful influences will be set to work in Washington so that the General may be relieved of his duties in the Philippines.

WALTER P. MILLER, JR.
Historian

December 1922

EPSILON CHAPTER, Kansas State Agricultural College

Since the last issue of the Pyramid, Epsilon chapter has been actively engaged in the building of the chapter. Twelve new members have been initiated into Sigma Tau, since the beginning of the school year. These men are: R. G. Kloeffler, T. T. Hogan, V. O. Clements, H. W. Smythe, G. A. Jennings, H. W. Reter, H. M. Low, T. L. Weybrew, C. M. Leonard, R. T. Shideler, G. E. Buck, and S. Kelley.

All of these men are "live wires", and are prominent in the various lines of student activity. Clements is the varsity fullback; Kelley, Jennings and Hogan are R. O. T. C. officers; and Shideler is the President of A. A. E. In school politics, Sigma Tau men are before the student body at all times. This was well shown in the last general engineering election. Every nominee was a Sigma Tau.

All these things tend to keep Sigma Tau before the eyes of the whole engineering school, especially when it is known that these men are in the highest third of their class.

The Engineering division has adopted a new system of grading. It is known as the point system. To illustrate, assume that the course consists of 140 semester hours. For each semester hour of E., three points are given; of G, two points are given; of M, one point is given; of P, no points are given. A student to graduate must have 140 points to his credit. P is the lowest grade which a student can receive and pass the subject, but if he should receive 140 P's he, at the end of the four years would be no nearer to graduation than he was at the beginning of his freshman year. Since a man must have an average of M to graduate in his respective course, this system establishes a high standard for the graduate of engineering at K. S. A. C.

The chapter is planning for the Sigma Tau annual banquet which is to be given after the Christmas holidays.

N. V. PLATNER
Historian

ZETA CHAPTER, Oregon State College

Zeta chapter had eighteen members present at its first meeting this year. Among these are the following new men who were initiated last spring: John R. Dickson, C. E., '23; Robert Hamill, Min. E., '23; Walter J. McPherson, M. E., '23; Virgil A. Powell, C. E., '23; Eugene C. Starr, E. E., '23; and C. W. Steele, M. E., '23.

The following named men have just been pledged, and will be initiated early next term:

Roy Crim, M. E.	Ellis Dixon, C. E.
Harlan Kirkpatrick, M. E.	Arthur Walker, C. E.
Charles Sigle, M. E.	Wilfred Mandley, E. E.
Rollo McKinney, C. E.	Elijah Bricker, E. E.
Fred Merryfield, C. E.	Gaylord Abraham, E. E.
Charles Cummins, M. E.	Robert Simington, Chem.
Kenneth Covell, M. E.	Fred Hodecker, Chem.
George Joost, M. E.	Nathan Brown, Mine.
Charner Wright, C. E.	Claude Darby, Mine.

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In order to bring the members together with the local alumni more than has been the case, a series of lunches, attended by all, have been arranged, and so far have proved to be successful. We are all working hard even at this advanced date to make preparations for the next Conclave, which absolutely must be held in Lincoln.

Alpha chapter extends its greetings to alumni and other chapters, with all best wishes for a cool and pleasant summer, and a successful termination of the present school year.

H. A. Sargent, Historian.

May 1923

EPSILON CHAPTER, Kansas State Agricultural College

Times passed rather uneventfully for Epsilon Chapter during the winter months. During the latter half of February, however, eight new men were elected to the chapter and will be initiated March 29. These men are as follows: L. Grover, J. C. Wilkins, M. R. Wilson, F. F. Kimball, E. Scheel, L. R. Sellers, O. E. Holzer, and D. C. Anderson.

A new plan is being tried out in the line of pledge duty with these men. As usual in our chapter, a thesis on some engineering subject will be required, and in addition, each pledge is required to make a rail section from wood and to wear it suspended by a ribbon from his neck during the week immediately preceding initiation. Instead of the usual unorganized instruction of pledges, the chapter has appointed Brother Low to have charge of this work. The thesis received last fall were very good and covered a large number of topics of interest to all engineers. A number of these papers have been published in the Kansas State Engineer throughout the past year.

With the chirp of the first robin this spring, our social butterfly, Brother Redman, began pushing for social activities. As a result, the chapter will "throw a dance and party", as Brother Platner so aptly puts it on the night of April 14. The word party is included since a number of our members do not dance and other forms of entertainment will be provided. Also a motion was solemnly made and passed to the effect that any active member appearing on that night without a date would go over the table for three swats around. I might say, also, that the chapter will number thirty by that time. Two or three weeks before the end of the semester, a banquet will be given for all Sigma Taus at the college but detailed plans are not yet made.

At the meeting on March 1, the officers for the coming year were elected. They are as follows: H. W. Retter, president; V. O. Clements, vice president; I. D. S. Kelley, secretary; T. T.

Hogan, treasurer; G. E. Buck, corresponding secretary; T. L. Weybrew, historian. The officers now going out have carried the chapter through a very successful year and deserve great praise.

Although our roll will have increased from ten to thirty during the year, all the men elected have amply fulfilled the three qualifications and the chapter may be said to have had a very successful year.

T. L. Weybrew, Historian.

ETA CHAPTER, State College of Washington

Because of the fact that at mid-year we had only seven members who were Juniors, it was decided to hold an election of pledges at the beginning of the second semester. This was done and seven Juniors were pledged. These men are: Herbert Bailey, Chem; Lloyd Brown, E. E.; Paul Bury, Chem.; Jake Dunkin, E. E.; Clarence Cannon, E. E.; Earl Lloyd, M. E.; and Bert Norling, E. E. This fine group of men will be of credit to Sigma Tau, and can be depended upon to do everything in their power to keep her at the head of the field.

Bailey ranks right at the top in the Chemistry Department and is going strong. Bury is a pianist, second to none on the campus. Brown is assistant to the College Engineer. Cannon holds high scholastic honors for the Juniors Engineers and is second only to Brother O'Niel in the entire College of Mechanic Arts and Engineering. Dunkin was editor of the last "Engineers' Evergreen" and is a news editor on the regular college paper. Lloyd ranks very close to the top in the Department of Mechanical Engineering. Norling is a wrestler and a baseball player.

Election of Officers was held March 6, and the following officers were elected: President, Edwin Snook; Vice-President, Henry Michel; Secretary, Herbert Minzel; Treasurer, Charles Hay; Historian, Kenneth Davis. These men were installed on March 20.

The bulletin boards built by the last bunch of pledges are on the campus and are attracting favorable comment from all. They are proving to be very useful, as well as attractive. The present pledges are at work on a drinking fountain to be erected at the tennis courts. This will supply an addition to the campus that has long been needed.

At the last meeting, March 20, plans were discussed, relative to the advisability of having a dance, a mixed banquet, or com-

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honor which can be conferred upon a senior in this university. Diller is president of Alpha Chi Sigma, Morris of A. I. E. E., Krage of A. S. M. E., Burleigh of A. S. C. E., and Sargent of A. A. E. In athletics, Brown is a letter man in track and is out for wrestling, Pool has an *N* in baseball, Taylor on the rifle team, and Sargent in fencing. Shildneck is a swimmer, a gymnast and a tennis player, and we hope to see him annex a number of sweaters this year.

The foregoing mention of some of the activities of the chapter should not be interpreted as an invitation to start a publicity race with the other chapters; it is merely to indicate the manner in which Sigma Tau fulfills its mission here. We back all of the worth-while things that are being done on the campus to the full extent of our power, and we claim part of the credit of putting them across on account of the time given personally and the unity of our organization which is made use of. It is with this, and the advancement of our University and the profession which we have chosen in mind that we make it a point to take in the go-getters and spur on the men already initiated, keeping Sigma Tau in the front, unostentatiously but effectively.

The most important event of the year for the Engineers is the annual Engineers' Week, held sometime during the spring. At that time the campus is practically ours, and people come for many miles to see our exhibits and parade. Sigma Tau is the motive power for the organization of this event, which is one of state-wide importance, and which is coming to be a great factor in the bringing before the general public of the importance of the engineering profession in the state of Nebraska. Work will be started shortly on the organization for the week.

Our social activities have been quite limited, the only thing in the social line this fall being an informal get-together at the home of brother Morris, at which the coming conclave was discussed. Acacia has very kindly offered us the use of their chapter house for a smoker to be held in two weeks at which we hope to become better acquainted with our pledges; inasmuch as the electricals are on the reception committee, we are looking forward to some entertainment from the neophites as well as a pleasurable social evening.

In closing, Alpha chapter wishes to extend her hopes for the success of the other chapters, and to remind the brothers of the coming conclave once more. May the whole fraternity unite to make it the best ever!

H. A. Sargent, Historian.

GAMMA CHAPTER

University of Pennsylvania

NO CHAPTER LETTER RECEIVED

EPSILON CHAPTER

December 1923

Kansas State Agricultural College

Epsilon Chapter initiated a considerable number of Juniors last year and this year it is reaping the reward. Sixteen active men are in college this semester and we have a real live chapter. We are endeavoring to become better known in the college and to that end we are urging all members to take part in activities. As a result, the officers of nearly all the engineering societies, seminars, The Engineer and a number of other organizations are members of Sigma Tau. The athletic side of our work is not being neglected as we have several members on varsity squads. As a means of bringing our fraternity before the underclassmen, a medal was presented to the second-year man who ranked highest in scholarship in the engineering division last year.

Socially, we are very strong as may be judged by the fact that we gave a dance and a banquet last spring and a mixer this fall. This mixer has almost become a tradition in our Chapter and is given in the chapter room for the purpose of meeting the "eligibles." Since the mixer we have elected nine Seniors and ten Juniors, to be initiated December 15. The initiation will be followed by a banquet for all active members and faculty members at one of the downtown hotels. The men to be initiated are as follows: Seniors, H. A. Rose, M. W. Casae, L. M. Leiter, F. O. Miller, G. V. Mueller, D. O. Smith, R. F. Blanks, H. L. McCord, R. L. Smith, Juniors, C. W. Schemm, W. E. McKibben, S. B. Storer, M. R. Buck, G. A. Plank, C. W. Eshbaugh, A. R. Senter, N. A. Chilcott, F. J. Scheel, E. E. Howard.

We are intending to have the pledges carry out some constructive, permanent work, which will be of lasting value to the college. We are also planning a number of stunts or novelties to precede the initiation which we expect to add to the general enthusiasm of the occasion and leave a lasting mark in the memories of the initiates.

In our pledging this year, we are following a predetermined plan by which we will elect all Senior men meeting the requirements and the outstanding men of the Junior class this fall in order to have material for next year's officers. Then in the spring another class entirely of Juniors will be elected, making only the two initiation classes, which we feel can be handled better than smaller classes and more of them.

We have added another new feature to our chapter by electing Prof. H. B. Walker as our faculty advisor in a rather unofficial capacity. We feel that there should be a closer bond between the

chapter and the faculty and have taken this means of bringing it about.

We look forward to a bigger and better year for Kansas State and for Sigma Tau.

T. L. Weybrew, Historian.

ZETA CHAPTER

Oregon State College

Since Oregon Zeta takes such an interest in Oregon State Agricultural College and particularly in its college of engineering we feel extremely proud. No matter what campus activity is chosen there are sure to be found among its leaders the men of Sigma Tau. For instance let us begin with the student body. Howard Lewis is its vice-president, and is also chairman of the student council, member of the board of control and the student affairs committee. Walter McPherson, our own honorable president is the President of St. Pat's board which means that he is the head of all the engineers of our great college. Then to continue let us take the other honorary fraternities:

Eta Kappa Nu—H. G. Kelsey, Ralph Haynes, E. E. Bricker, W. J. Mandley, G. B. Abraham.

Chi Epsilon—Robert Simington, Fred Hodecker.

Scabbard and Blade—K. A. Covell, Ellis Dixon, C. Cummings.

Hammer and Coffin—Howard Lewis, Fred Hodecker.

Sigma Delta Chi—Howard Lewis.

In athletics we have several varsity men. Hank Gerhart and Art Walker know their stuff in track. Cougar Cummings knows his soccer, and Fred Hodecker takes part in the tank splashings.

The 1922 Sigma Tau medal was awarded to S. J. Wright a civil engineering freshman. His average was 95.95 for the year. The 1923 medal is being ordered now.

The officers for the year are:

President .... Walter McPherson
Vice-President .... C. L. Wright
Secretary .... K. A. Covell
Corresponding Secretary .... C. Cummings
Treasurer .... E. W. Dixon
Historian .... Fred J. Hodecker

The list of initiates from the preceeding quarter are:

Howard Lewis	H. G. Kelsey
R. E. Summers	T. M. Gerhart
A. R. Robinson	Ralph Haynes
H. T. Sherwin	

Last spring soon after initiation the chapter enjoyed a banquet

at which we welcomed the new men. We were honored at this time with the presence of Brother Fish. Dec. 4th we are going to have another banquet, the purpose of which is to talk over the pledging situation prior to the Christmas announcements.

Zeta extends to all a Merry Christmas and a Successful New Year.

Fred J. Hodecker, Historian.

ETA CHAPTER

State College of Washington

With the first quarter of a new school year about gone, Eta Chapter is living up to the high standards of Sigma Tau. Starting off with the first meeting as though meetings were held all summer we elected to office three men to fill the positions left by the men who did not return to school this year. Those who were elected are: Jake Dunken, treasurer; Paul Bury, corresponding secretary; and Bert Norling, historian. Then came the election of new men, the following thirteen being elected:

Tom Beals, Chem. '25.	Noble Peterson, Mech., '25.
Philip Fridlund, Elec., '25.	Lorimer Robbins, Arch., '25.
William Hahn, Mech., '25.	Earnest Stahlberg, Civil, '25.
Taylor MacLafferty, Mech. and Elec., '24.	Carl Swanson, Civil, '24.
	George Teme, Civil, '24.
Williard McLachlan, Elec., '24.	Ray Thompson, Mech., '25.
Bert Miller, Elec., '25.	Rolland Griffith, Elec., '25.

To tell of the merits of each of these men would mean another Webster's dictionary and that would be too much at this time. The caliber of this group of men will be a credit to Sigma Tau and they can be relied upon to further its purpose.

William Hahn, one of the junior mechanicals, has already achieved success in the business world being a successful dealer in hardware, but has returned to school to learn the theoretical end of engineering. He is not only a practical man, but a scholar as well. Philip Fridlund, probably one of the best scholars in this institution, has also had a great deal of experience before entering college. He, at the present time, is an assistant instructor in engineering drawing. Bert Miller is an instructor of engineering drawing in the Elementary Science Department. Besides doing this work these men are carrying their regular college courses. These men are good examples of the group of men just named.

Turning to football, our engineer's team under the guiding hand

CHAPTER LETTERS

Alpha Chapter, University of Nebraska

Realizing the importance of having a high-powered chapter to put across successfully the Conclave of Progress in Lincoln next fall, Alpha has developed a live, capable, active bunch of men who are going to do justice to such a great conclave.

Ability of men in college is reflected somewhat by their activity, and certainly the prime chapter's reflection is encouraging. Here at Nebraska, Engineer's Week is the concentrated fete week of the year. "Judd" Meier is the general chairman and many other Sigma Taus has been selected as associates. Some of these Sigma Tau vice-chairmen are: Secretary-treasurer, Ed. Morris; publicity, Harold Edgerton; convocation, James Marshall; field day, Willard Turnbull; dance, A. F. Burns; engineers' night, Roy Randolph; window displays, E. L. White.

Outside of the college, in the whole university, Sigma Tau has her representatives. Pool recently returned from a tour of the south with the baseball squad. Weller has a national reputation as a tackle on the football team. Sargent is the Nebraska fencing team himself, having no real competition in school. Roberts is next year's captain of the rifle team and is an expert shot.

Grant Lantz, this year's Sphinx, is one of thirteen members of Innocents, the senior honorary society. Bertwell is managing editor of the Daily Nebraskan and is in line for the editorship. Slaymaker is vice-president of the University Y.M.C.A. Marshall sings on the University quartet. These represent a few of the honors held by Alpha men in our institution as a whole.

Sargent, Ellermeir and Meier has been this year's Engineering Society officers, while Boucher is the president for next year and Meier is re-elected secretary.

On the Blue Print staff for next year, Marshall and Edgerton hold major positions. This year, Randolph was the circulation manager.

Since the last letter to the Pyramid, nine men have been initiated: "Chuc" Rogers, Earl Sorensen, "Oly" Olsen, Frank Ellermeir, Elton Caster, Frank Hranac, Albert Kendall, R. R. Schindler, and D. P. Roberts.

Mu Sigma, a professional, social engineering fraternity, has been established at Nebraska and contains some fine men, seven of them being Sigma Taus.

Alpha heartily welcomes all brothers who are visitors in Lincoln. If you are ever here, look up some of the brothers and they will surely treat you to the best of their ability.

James D. Marshall, *Historian.*

Gamma Chapter, University of Pennsylvania
(No Chapter Letter Received)

April 1924

Epsilon Chapter, Kansas State Agricultural College
(No Chapter Letter Received)

Zeta Chapter, Oregon State College

Zeta Chapter began the school year with twenty active members. During the middle of December nineteen men were pledged, eighteen of whom were initiated February 18. This is the largest number of men pledged at one time in Zeta Chapter and is indicative of the rapid growth of the Engineering Department of Oregon State College. The names of the new members are as follows:

Cramer, A. P., C. E., '24	Slinger, R. N., E. E., '25
Ross, F. A., C. E., '25	Brown, G. W., M. E., '25
Hellerich, Geo., Min. E., '25	Steele, C. E., M. E., '25
Austin, K. B., E. E., '25	Bullen, C. A., C. E., '25
Fogle, H. D., '25	Johnson, R. A., M. E., '25
Kylstra, Henry, M. E., '25	Flagg, L. M., E. E., '24
Johnson, E. F., E. E., '25	Dewsen, Deo., E. E., '24
Boyle, C. L., Min. E., '24	Vosteen, Fred, C. E., '25
Kellas, A. M., E. E., '25	Dull, J. W., C. E., '25

It will be noted with interest that all of the seven men selected from the Electrical Engineers are members of Eta Kappa Nu, national honorary electrical engineering fraternity.

ness manager of the Blue Print, our college magazine, presidents of departmental and general engineering societies, members on athletic teams, rifle team captain, members of the glee club and of many honorary and professional societies.

All of the members are working toward the betterment of the fraternity and have maintained an organization which ranks as one of the leading honorary fraternities on our campus. Let us, as members of this conclave, strive to keep Sigma Tau in this position nationally.

Every chapter has individual problems. The methods of meeting these often bring out features that are also desirable for other chapters. And so, each group here, has one or more ideas to impart for the fraternity's general benefit.

One of Alpha's suggestions is the creation of the office of chapter adviser in each chapter. Such an office to be held by some alumnus or honorary member of the fraternity.

Mature judgment by an interested person is an asset that any group may feel proud to receive. The alumnus or honorary member is naturally in a position far enough away from the petty affairs of the chapter that his advice is based upon general sound principles.

The creation of such an office would not usurp any of each chapter's power but would, rather, increase its efficiency. The very name implies the duty of this officer as only that of giving wise and weighed suggestions.

Nationally, our finances are not as great as they should be. Locally this problem is an individual one. With Alpha Chapter the monthly dues are 50c per active member making $4.50 each year. The present condition as shown by the last treasurer's report indicated a balance of $208.26. This lack of national funds has confined the activities of the grand officers, such as the inspection of chapters, which Alpha Chapter feels is necessary.

Small annual dues from each active member would raise the Grand Council fund to an amount of some effect in giving opportunity for visiting chapters.

I said "visiting." I should have said "inspecting" for as individual chapters, we want to know that we are on the right track and that our sister chapters are also.

As chairman of the Ritual Committee the question of Standardization has confronted me. Our ritual and ceremonies must be standardized. But the proposition does not stop there; our fraternity's standing as honorary must be standardized.

Our constitution may be, and must be amended to make the letter in keeping with the sprit.

As delegate from the mother chapter, I congratulate the Grand Council upon the conscientious performance of its duties in the past two years. We are sorry that all of them could not attend this gathering to give ideas and inspiration.

Alpha Chapter appreciates its opportunity in being host to the Conclave and will do its utmost, individually and collectively, to further the advancement of the whole fraternity.

J. Marshall, Delegate.

GAMMA CHAPTER—University of Pennsylvania

Grand President and Brother Sigma Taus:

The average number of members in our chapter is twenty. We have in the school about two hundred eligible students to pick from. In other words, we take about one-tenth of the eligible students. At the present time the financial condition of the chapter is rather poor. We have no club house or club rooms. I believe about three years ago we did have club rooms. We found, however, that they were unnecessary and at present we meet in the Engineering Building.

The fraternity is generally looked up to by all the engineering students but it is not very well known among the freshmen and sophomores, nor is it well known out side of the engineering school. Everybody considers it such an honor to join that we have no trouble in getting all of the men we rush. For this reason we get all of the big men in the engineering school of high scholastic standing.

In our entrance requirements we consider more activities than we do scholarship and more than anything else the personality of the candidate. We do not require the candidate to do any practical job such as has been mentioned by the representatives of the other chapters. In fact nothing of that sort is done at all by our chapter.

We look toward the future with hopes of continued success.

Thomas C. McBride, Jr., Delegate.

November 1924

EPSILON CHAPTER—Kansas State College

Seventeen members of Epsilon Chapter returned to school in the fall of 1923. There was a total of 26 men initiated during the year.

Two elections of members were held, one in the fall and the other in the spring. All pledges were required to prepare an article on some engineering subject. This article was to be used for publication in the Kansas State Engineer, which is the publication of the students in the Engineering Division at K. S. A. C. The pledges elected in the spring were also required to design an electrically operated score board for use at football games in the K. S. A. C. Stadium. The designs were submitted to the Athletic Department and it is expected that construction of a score board will begin soon.

There were twenty members of the Chapter who returned to school in September, 1924. A mixer will be given for all eligible students on October 16, and the fall election of members will be held shortly after that.

Epsilon Chapter has voted to give a silver medal to the highest ranking Engineering freshman of last year, a bronze medal to the second highest and honorable mention to the ten men ranking highest. The chapter believes that by giving recognition to this number of men of a total freshman enrollment of over four hundred, that more interest will be shown and that there will be a greater effort toward good scholarship than if only one man from that number is given recognition.

In order to increase the interest in and stimulate attendance at all Chapter meetings, Epsilon Chapter is varying the monotony of purely business meetings by introducing forms of entertainments and serving light refreshments.

George V. Mueller, Delegate.

ZETA CHAPTER—Oregon State College

The Zeta Chapter has ended a very satisfactory period during the past two years, particularly so with references to finances, We have on hand cash to the amount of $50.00, $150.00 in loans to members, and approximately $100.00 in fraternity supplies and paraphernalia. Our financial obligations, both local and national, have been met promptly. The chapter expenditures have been made only for social activities and for scholarship prizes which are awarded to freshmen of high standing.

We have twenty-three active and eight faculty members back to start the present year. The character and morals of all our members measures up to the standards set by the fraternity. All of our members are connected with college activities of one sort or another. Our scholarship outranks our competing fraternity by a large percentage. Zeta Chapter is particularly proud of her members who graduated with the class of 1924. Out of twelve honorary graduates of the Engineering school, ten were members of Sigma Tau, while two were members of another engineering fraternity. From present indications our seniors of the class of 1925 give promise of beating this record.

The Zeta Chapter has followed a very conservative policy in regard to extra curricula activities for its members. Rather than promote activities under the name of Sigma Tau, we have striven to cooperate in furthering existing projects of the School of Engineering. Our objective has been to co-ordinate all engineering activities under one head. This we feel has been accomplished by the organization of the Federated Engineers. The executive board of this group consists mainly of Sigma Taus.

In the way of social activities during the past two years at least one banquet was given each quarter by the chapter. Prominent engineers ere present at these banquets and gave the benefit of their experiences in the field. These banquets were very successful in every respect. A dance was given by the chapter last spring. The Chapter has decided not to hold any more dances, feeling that this form of entertainment comes more within the realm of the strictly social fraternity.

It is to be regretted that close touch with the national organization as not maintained by the officers preceding the present group. It was necessary for the Grand Secretary to call this matter to the attention of one of our faculty members. At the installation of the present group of officers our faculty adviser stressed the importance of maintaining close touch with the national officers and we have endeavored to improve the situation.

The attendance at initiations and meetings has been very good. There has been no evidence of petty jealousy in electing men to membership. Our ritual has been followed to the letter, and all pre-initiation, hazing and horse play has been abolished.

The outlook for the coming year of activities for Sigma Tau is indeed most promising and reassuring, as it has emerged intact from a period of too much ego. With a strong competing national engineering fraternity on our campus, each member realizes his responsibility in making our Chapter a Success. The national organization can look to the Zeta Chapter to contribute much to the honor of Sigma Tau.

Geo. W. Hellerich, Delegate.

ETA CHAPTER—Washington State College

Eta Chapter of Sigma Tau at Washington State College, Pullman, Washington, is one of the most prominent organizations on our campus.

During 1923-24 only one initiation was held and thirteen neophites were initiated, ten of whom have returned to college this year. The small number of candidates selected during this year was due to the fact that great care was exercised in selecting pledges in order to maintain the high standards of our organization. A marked effect has been noted on the students. They are making an extra effort in their studies and in their activities in the different engineering organizations in order to gain membership in one of the honorary fraternities.

Many successful and worth while pledge stunts were performed in the past two years by the neophites in order to test their practical engineering knowledge. These tests were centered entirely on campus improvements and are as follows: Weatherproof bul-

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CHAPTER LETTERS

ALPHA CHAPTER, University of Nebraska

Sigma Tau, at Nebraska, is the nucleus of all college activities. Practically all the departmental societies as well as the general engineering society, has for its president a Sigma Tau. Some of the less important officers are also filled by our men; and all this has been accomplished without incurring the enmity of the great number of students who were not able to meet our requirements for membership. In making these assertions, we are not unmindful that our success in placing men in office and in other campus activities has been attained by following the guidance of the principles of Sigma Tau; helping the individual member to succeed in his respective position rather than the quest of laurels for the Chapter itself.

The general chairman for Engineers' Week was also a Sigma Tau, and since he is empowered to choose his own aides, our men were largely responsible for the success of the Week. Engineers' Week is, by the way, the biggest of the annual events of the school year. As a measure of the magnitude of this celebration we might mention that a crowd, variously estimated at from seven to ten thousand, were entertained by the Engineering College on Engineers' Night, many of whom came from distant parts of the state.

The Nebraska Blue Print, while being the official publication of the Nebraska Engineering Society, is under the control of Sigma Tau men; the general manager for next year being our Chapter president, and the editor, our Chapter treasurer. These are important positions, we feel, because of the influence which the magazine can have upon student opinion. Several other staff positions are now filled by sophomores and freshmen who can reasonably be expected to meet our membership requirements by the time they will be eligible for election to more important places on the staff of the magazine.

In addition to what might be called the individualistic activities, Alpha Chapter presents annually, the scholarship medal as recommended in the by-laws, and a picture of a noted engineer to the "Hall of Fame".

The medal was presented this year at a special convocation during Engineers' Week, to a sophomore who had completed thirty-four hours in his freshman year with an average slightly above ninety. Chancellor Avery, in his presentation speech, spoke highly of Sigma Tau and commended our interest in better scholarship.

A framed picture of Bengamin Garver Lamme, late Chief Engineer of the Westinghouse Company, was presented to the Engineering College as the annual contribution of Sigma Tau to the "Hall of Fame". Eleven pictures now hang on the walls of our Mechanical Engineering building, representing the eleven years which have passed since the custom was established.

The elections this year added twenty-three names to our rolls. Seventeen of these were elected from the junior class during the first semester. We should have, and undoubtedly will have, a strong chapter to take up the work next fall. The experience which our newer members have gained in their association with the Chapter for nearly a full school year, has impressed the responsibility which is implied by membership in Sigma Tau. We look forward with pleasant anticipation to the beginning of another school year, confident that the ideals and traditions of our fraternity will be preserved in Alpha Chapter of Sigma Tau.

GAMMA CHAPTER, University of Pennsylvania
(No Chapter Letter Received)

June 1925

EPSILON CHAPTER, Kansas State Agricultural College
(No Chapter Letter Received)

ZETA CHAPTER, Oregon State College
(No Chapter Letter Received)

ETA CHAPTER, Washington State College

With the opening of the new Commons Building, Eta Chapter has adopted the policy of holding some of its meetings there instead of at the regular meeting place. After having dinner in a typical get together family way the regular meeting is held. The faculty members have seemed to take an active interest in this type of meeting and the meetings are full of pep thru a combination of the efforts of faculty members and actives. A good crowd can always be looked for at these meetings.

The chapter has no definite plans for taking in any new men this spring semester and it is doubtful if any such plans will be worked on.

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CHAPTER LETTERS

ALPHA CHAPTER—University of Nebraska

A very informal entertainment at the Mu Sigma fraternity house on October 29th brought the active members of Alpha Chapter in touch with a large group of men who were eligible to membership in Sigma Tau. The party might have been called a "smoker," but the men gave a lot of attention to hard cider and doughnuts as well as to cigarettes. Each candidate came prepared to entertain for a short time with a story, a musical selection or a stunt of his own choosing. Musical selections and stories were there in abundance but some men chose to entertain otherwise. Alpha Chapter uses this method every year, and finds it a very effective method of bringing the men together, so that the active members may become better acquainted with the eligible men.

Shortly after the party, Alpha Chapter held a special meeting for the election of new men. The men elected to carry on the work of the active Chapter were:

T. F. Armstrong (C. E. '26); Carl R. Dalton (C. E. '26); H. F. Greiss (E. E. '27); D. O. Hannan, '27; C. F. Harris, '26; C. B. Hinricks, '27; M. B. Lau Bach, '27; E. L. Pollard, '27; S. G. Reiff, '27; L. L. Shields, '27; L. L. Smith, '27; R. Smith, '27; Wm. Schnieber, '26; R. Stech, '27; R. N. Worrest, '26; J. A. Wickman, '26.

The new men were initiated into the fraternity in due form on December 3rd.

The intiatory banquet on December 5th in the Oriental Room of the Lincoln Hotel, should have given the newly elected men an idea of some of the privileges enjoyed by members of Sigma Tau, as well as some of the responsibilities that a true Sigma Tau is expcted to assume. Harold F. Holtz acted as toastmaster. He gave some very interesting sketches from the lives of some of the speakers of the evening. Dean O. J. Ferguson gave greetings to the newly elected men. Professor O. W. Sjogren, Earl F. Ketcham, Glen F. Sudman and Carl R. Dalton answered to the serious subjects of "Putting it Over," "Bringing it Back," "Laying it Down," and "Picking it Up."

Louis Vastine, Senior Architectural Engineer, was responsible for the design of some decorations and menus has caused more than passing interest among the alumni members present. Active members of Alpha Chapter are not surprised when Louis comes forth with these clever things. They expect it.

Alpha Chapter is working on two or three projects that will be of some special interest when they are completed. Most of the works for the next three months will probably be along lines pertaining to our Annual Engineers Week.

GAMMA CHAPTER—University of Pennsylvania

(No Chapter Letter Received)

February 1926

EPSILON CHAPTER—Kansas State College

With the beginning of the Fall Semester at Kansas State and the return of fourteen active members of Epsilon Chapter a meeting was called and a committee appointed to compile a report of grades for determining men eligible for election.

On October twenty-fifth a mixer was held for all those who had been found to fulfill the grade requirements for membership in the society. Cider and doughnuts were offered as an inducement and about fifty guests accepted our hospitality. An interesting and constructive talk on "The Benefits of Sigma Tau Before and After Graduation" was given by our Faculty Adviser, Professor James Park Calderwood, M. E., M. S., distinguished as an author of Engineering texts and also as a teller of Scottish stories, in which he emphasized the desirability of membership in Sigma Tau in association with men of the Engineering Profession.

The result of a lively and lengthy meeting on November first was the pledging of seventeen prospective members and the completion of initiation and pre-initiation ceremonies.

The formal initiation was held on December twelfth, nineteen twenty-five, and was followed by an elaborate banquet at the College Cafeteria at which Secretary C. A. Sjogren made the principal address after talks by A. B. Nuss, President of Epsilon, by Professors Walters, Reid and Walker, and several caustic comments by the Toastmaster, Christian E. Rugh.

At the present time, Sigma Tau is directing its efforts to the successful management of the "Open House"—an engineering exhibition put on by over one thousand student engineers for the education and entertainment of the people of Kansas and neighboring states along engineering lines.

Later in the year the calendar shows the Engineers' Ball, which is promoted by the Sigma Tau Fraternity, and has been pronounced a remarkably successful social event. This will be the second such Ball and present plans will make it even more elaborate than the first one if such a thing is possible.

ZETA CHAPTER—Oregon State Agricultural College

Zeta Chapter of Sigma Tau takes pleasure in announcing its new list of pledges. The men are: C. H. Bjorquist, D. J. Prudhomme, C. W. Leihy, L. Bailey, F. A. Rohrman, N. H. Truax, T. G. Thews, R. F. Newton, H. A. Williams, C. Reisch, A. E. Wight, and J. L. Heilig. These men are prominent in engineering activities, and many are members of other honoraries, Bjorquist, Prudhomme, Leihy, Bailey,

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Hackman, Vice-President, and Eldred O. Morton, Secretary-Treasurer of the Nebraska Engineering Society; Homer B. Kinsinger is General Manager and Forest R. Hall is Editor of the *Nebraska Blue Print*. Wm. Bertwell made Phi Beta Kappa this spring and Wm. Hackman, Carl J. Madsen and Fred J. Wehmer were elected to Sigma Xi.

Stanley Reiff is Major of the First Battalion, R. O. T. C.; Dale Skinner is a three-year letter man on the wrestling squad and was captain of the 1925 team. Walter Lammli made his "N" on the rifle team.

Alpha Chapter extends its greetings to the alumni and to the other chapters with all best wishes for the successful termination of the present year.

CHAPTER DELEGATE—L. L. Shields is President of the Architectural Engineers' Society and well known in all the departments as an excellent scholar, a good mixer and a credit to the profession.

He is a vocational student at Nebraska having served two and a half years in the Navy during the war.

He is several years the senior of the majority of students but a man who carries well the dignity of his added years and experience and a man whom Nebraska will always be proud to claim.

JAMES A. WICKMAN, *Historian*

GAMMA — University of Pennsylvania

Gamma Chapter has just completed a most successful year. The newly elected officers chosen to pilot the University of Pennsylvania chapter during the coming term are: President, D. Merritt; Vice-President, J. A. Christian; Secretary, Z. T. Wobensmith; Treasurer, R. B. Muller.

In February a mid-winter smoker was held for those eligible for election. Of this number eleven were selected as brothers. These men met the scholastic requirements and are all extremely active as the following will show:

Christain, President of American Society of Mechanical Engineers, University Band and Triangle Board; Tomlinson, Compass and Chain; Stevens, Undergraduate Council and officer of American Society of Mechanical Engineers; Hendricks, Varsity Track and Football; Wobensmith, Varsity Track, President of Engineering Association; Merritt, Captain of Golf Team, Captain of Squash Team and Alembic Honor Society; Rushton, Muller, Dallett and Egolf of Mask and Wig fame and also Honor Chemical Societies; and Jordan, Varsity stroke.

After a very impressive initiation of these new brothers the older members were entertained by such exhibitions as "Wrestling with Temptation," "A Finite Example of Infinity," and a learned discourse upon the Angle Theta.

On March 13 the annual banquet was held. Numerous alumni attended and their views and advice about the hard, cruel world and salary curves made the affair most enjoyable. Our Spring formal is scheduled for May 15 and promises to be one of the season's highlights. A solemn campus orchestra has promised to make us produce some rare terpsichorean feats.

The Engineering School is going thru a period of re-construction. Two years of college work are now required before entering the engineering courses and the chapter is adjusting itself to meet these new conditions, and at the same time is looking forward to one of the most active years in its history.

All Philadelphia is occupied with the coming Sesqui-Centennial and Gamma would like to take this opportunity to welcome any of the brothers who may visit our city at that time.

Z. T. WOBENSMITH, *Secretary*

EPSILON — Kansas State College

July 1926

Epsilon chapter has been very active since the last issue of THE PYRAMID. We were very successful in the management of "Open House," an exhibition and display of every engineering department of the college. The weather conditions were such as to allow visitors from all parts of the state to spend an enjoyable week at Kansas State.

On March 12 our second annual Engineers' ball was held in Recreation Center. This was one of the finest parties of the year. The music was excellent and everyone had the time of his life.

Nine new men were initiated April 10. With the enthusiastic help of the new men, much is expected in the future.

The officers of the Engineering Association and the staff of the *Kansas State Engineer* are composed mostly of active Sigma Tau. The *Kansas State Engineer* has S. M. Fraser for editor and Harvey Schmidt for business manager. These two men will be largely responsible for the publication during the coming season.

S. J. Tombaugh, captain-elect of our 1926 football team, will be president of Epsilon chapter next year. Mr. Tombaugh is a member of the Sigma Alpha Epsilon fraternity, and is very active in other engineering societies.

H. M. Weddle has been a member of our basketball team for the past two years. He is also a tennis player of noted ability and has many social affiliations.

Three seniors in our chapter were elected to Phi Kappa Phi this year. They are B. A. Rose, R. L. Beach and G. J. Fiedler.

Each year our chapter presents a first and second place medal, respectively, to the two freshman engineers having the highest grades for two semesters of work. The next highest eight members of the freshmen class are given honorable mention. It is planned that these awards will be given before the close of school this spring.

All the honorary societies at Kansas State, of which Sigma Tau is one, make up a fund so as to buy trophies and medals. These awards are presented to high schools and individuals, who are winners in different scholastic contests conducted at K. S. A. C. The series of contests are put on by the Educational Department, and given at the college during the latter part of April. In this way we hope to foster the growth of character and leadership in our high school students.

We are now putting the finishing touches to one of the most suc-

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cessful years at Kansas State. With the approach of the national conclave, we are looking forward to a big time next fall.

G. H. STOFFER, *Secretary*

ZETA — Oregon State Agricultural College

Zeta chapter initiated its spring pledges March 12. Thirteen men were initiated at this time. The new members are: Edward Laird, Senior C. E.; Donald Masson, Senior Min. E.; Buell Wilcox and Conrad Bue, Juniors in C. E.; Orville Rice and Orville Walter, Juniors in M. E.; Vene Rinehart, Fred Crowther, Wendell Wing, Nelson Meekel and Richard Earnheart, Juniors in E. E.; Maurice Kinsey and Leslie Roll, Juniors in Chem. E. After the formal initiation an elaborate banquet was given in honor of the initiates. Talks were given by a number of the student members and by Professor Graf, head of the Department of Mechanics and Materials, who is also a member of Phi Kappa Phi.

Election of officers was held at the first meeting following initiation, in which the following officers were elected: Fred Crowther, President; Buell Wilcox, Vice-President; Leslie Roll, Secretary; Richard Earnheart, Treasurer; Conrad Bue, Corresponding Secretary; Arthur Wight, Historian.

Sigma Tau prides itself on having in its membership some very prominent men. Brother Truax is football manager and prominent in dramatics. His other honoraries are Eta Kappa Nu, Scabbard and Blade, and National Collegiate Players. Brother Leihy is president of the Senior class and manager of National Collegiate Players. He is a member of Eta Kappa Nu, Scabbard and Blade, National Collegiate Players, and Hammer and Coffin, national humor society. Brother Bridges is manager of the *Orange Owl*, the college humor publication, and one of the three members of the Greater O. A. C. committee, one of the highest offices on the campus. He is also a member of Eta Kappa Nu, Scabbard and Blade, Hammer and Coffin, and Alpha Mu Chi, a professional advertising fraternity. Brother Bell has for two consecutive years been on the team sent from Oregon State College to compete in the Drake relays.

We believe that a successful college career includes participation in campus activities and social life, as far as is consistent with maintaining a high degree of scholarship. In view of this, election to Sigma Tau is based on something more than merely high grades, although superior scholarship is the first and fundamental requisite.

Our social functions are limited to lunches and "feeds," at which the members gather with the view of promoting fraternal spirit in the organization. There are thirty-five men's social fraternities and sixteen women's social fraternities on the campus. The social functions given by them, and by the class and student body organizations, fill the social calendar to an extent that honorary and professional fraternities on the campus rarely give a scheduled social function.

Sigma Tau is an invaluable asset to our school of engineering. To the underclassman it provides an inspiration for increased scholastic efforts, with Sigma Tau as a possible goal and reward. To the member it provides an inspiration to mold himself into an engineer

who will be a credit, not only to the fraternity, but to the Alma Mater and the engineering profession as well.

CONRAD D. BUE, *Corresponding Secretary*

ETA — State College of Washington

The engineers of the State College of Washington have always made a strong bid for leadership in campus activities, and their success has been marked. The year just closing, however, has seen even more than the usual amount of interest and activity among the engineering students and much of this success has been due to the leadership of Sigma Tau.

Besides the regular departmental organizations, such as the A. S. C. E., A. I. E. E., etc., we have a common bond between all the engineering departments in our Associated Engineers, of which every engineering student is a member. This organization has been an active stimulus among the students for a number of years, but under the leadership of Brothers Grafton and Anderson, who are its president and vice-president, respectively, it has flourished this year as never before. As far as we are able to determine, this is the only active student organization of its kind.

Under the sponsorship of Eta Chapter of Sigma Tau the Associated Engineers are planning the publication of an official paper. Brother Baugh, its editor, is working diligently to make the first issue, which will be off the press soon, a lively one.

The annual Engineers' ball was held recently, and as usual, was a great success. Its popularity may be justified from the fact that tickets were at a premium a few hours after being put on sale, and the lucky purchasers could not be induced to part with them at any price.

Since January about every other meeting of Eta Chapter has been in the form of a dinner at the Commons. Both faculty and active members turn out en masse for these enjoyable affairs and both are unanimous in proclaming the good times had.

During the past few weeks the seniors have been busy traveling about the surrounding country on their inspection trips. Their experiences and reactions form excellent topics for talks at regular meetings and dinners. Brother Cannon kept the shutter of his kodak clicking pretty regularly and every click counted, for he brought back a good many interesting pictorial accounts for the less fortunate men who did not make the trip. Brother Grafton is at present attending a Scabbard and Blade Convention in Louisiana.

Plans are now being completed for the open meeting of the chapter to which all men are invited who will be eligible for election next fall. The meeting will be held just before the close of school in June and will be a fitting windup to an active year. Brother Anderson characterized the spirit of Eta Chapter when he announced his intentions of starting the next year off with a bang that will last the whole year through.

DELEGATE—Eta Chapter of Sigma Tau will be represented at the conclave next fall by Brother Oscar N. Anderson. If Brother Anderson were writing this, that is all you would find out about him

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We also award the Freshman scholarship medal at the end of each year and present a picture of some prominent engineer to our Hall of Fame. Every chapter has its own individual problems to work out and due to the varying conditions in different localities it is up to the active members to work out their own salvation. This in most cases requires much originality and initiative on the part of the members, and is an opportunity to show their qualities as Sigma Taus to solve any problems that may arise. We can pick up many useful hints, however, by learning methods used in other chapters.

In making a survey of the activities of the College of Engineering at Nebraska you will find as always that practically all the other organizations, publications, etc., are headed by Sigma Taus. We also have a large representation in athletics.

During the past two years we have added an impressive part to our initiation that we call "crossing the Nile." After displaying his wit, crossing the burning sands, and enduring the torture tests, the last and final act is to "cross the Nile." This is accomplished by blindfolding the initiate, removing the initiation garb, then laying him on his back on a plank. He is then carried over, and plunged into one of our concrete water reservoirs that we have in the building. To prevent accidents by throwing out his arms, he is instructed to carry a magic wand which he clasps to his chest, and told to guard it with his life and not let go of it under any circumstances. We find that the initiates get more kick out of this than almost any other part of the initiation.

In closing let me say that Alpha Chapter wants to commend the Grand Council upon the excellent work they have done and also extend heartiest wishes for success to every other sister chapter.

ELDRED O. MORTON, *Delegate.*

GAMMA — University of Pennsylvania

(Delivered by mail in the absence of the Gamma delegate)

Gamma Chapter occupies a well-established and enviable position in the eyes of both faculty and students, because election to Sigma Tau is regarded as the highest honor obtainable in the engineering school, with the exception of Sigma Xi.

Under the present system at Pennsylvania the engineers are practically a complete unit in themselves. Hence personal contact is established with fellows in the other classes. Consequently by the junior year it is comparatively easy to select the leaders of the class. In another year, however, the situation will be completely reversed; for the faculty has decided that there are to be no freshmen or sophomore classes in engineering, and that those desiring to take engineering courses shall spend two years in the college and transfer to the engineering school as juniors. Thus it will be much more difficult to size up the class; and in order to overcome this situation, Gamma Chapter expects to offer Sigma Tau medals for competition among pre-engineering students.

At present Gamma Chapter has no rooms of its own, but uses a room set aside by the faculty for the meetings of the various engineering organizations. Recently there has been some discussion of renting common rooms with the senior honorary society, but nothing definite has developed. The Chapter alternately holds meetings and luncheons on Wednesdays. The only social activities are a smoker for the junior class and an annual dance to which only fraternity alumni are invited.

THE PYRAMID OF SIGMA TAU

From a financial viewpoint Gamma Chapter's standing is good, but nevertheless far from ideal. There are no debts outstanding and there is a small amount in the treasury. While this balance is not large it should cover the needs of the coming winter very satisfactorily.

DANIEL S. MERRITT, *President.*

October 1926

EPSILON — Kansas State College

As delegate from Epsilon Chapter it is indeed a pleasure to answer the roll call at the beginning of this Conclave. Epsilon Chapter greatly appreciates the opportunity that came to it in being host to the Conclave and will do all in its power both as a chapter and as individuals toward the advancement of the fraternity.

The Conclave, as I see it, not only affords the opportunity for the settlement of business of national importance to the fraternity but it affords also an opportunity for the exchange of ideas, some of which may not be presented formally at our meetings. From the problems of other chapters we expect to be aided in the future as also do we expect to benefit by the association, brief as it has to be, with our brothers from other chapters. It is the hope of Epsilon Chapter that it will be able during the course of our meetings to offer ideas that will fit the needs of other chapters, and that we as individuals shall make the time spent with us time well worth while.

I shall endeavor to present a brief synopsis of the activities of Epsilon Chapter for the time that I as a member have been connected with it. As in general the major chapter activities fall in cycles of a year's duration, this will show an average annual cross-section of our chapter.

Our two major school activities have been the Engineers' Open House and the Slide-Rule Slide. Open House is held during Farm and Home week at the College when we have visitors from over the state. Sigma Tau men are active in it, not as Sigma Tau members, but as the leaders in the engineering division. It is one of the ways we help boost the College.

The Slide-Rule Slide is an annual engineers' dance, sponsored by Sigma Tau. Tickets are sold to cover expenses, the dance not being promoted for profit.

For the past two years we have presented a silver medal to the sophomore engineer who ranked highest as a freshman, a bronze medal to the next highest, and honorable mention to the next eight. This year it is planned to present three medals — gold, silver, and bronze — and seven honorable mentions. This puts Sigma Tau before the younger students, gives them something to work toward and, we believe, improves our available material as these men become

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juniors. We have listed the names of those students whose grades make them eligible to fall election. We are considering these men with view to an election soon. We do not consider men with a point average below 1.5 to 1.6 even though they be in the upper third, as we feel the scholastic standards of Sigma Tau must be kept high. From these men we try to choose those who are active in school affairs, who display ability as leaders.

We encourage participation in school activities, especially in the engineering associations and publications. As a result all the officers of the student engineers' association are Sigma Tau men. All but one of the *Kansas State Engineer* staff are from our members. Six of our men are coast artillery cadets with battery and field commissions. In athletics we are represented by our football captain and a letter man in basketball. Sigma Tau men are active in other honorary societies. Our entire membership works hard for Sigma Tau for the advancement of Kansas State engineers and to boost the College as a whole.

In closing let me say I am proud to have addressed this Conclave as a delegate, and I speak the mind of every man in Epsilon Chapter as he himself would have it spoken when I tell you how glad we are to have our brothers from other chapters and the members of the Grand Council as our guests.

ROY ADAMS, *Delegate.*

ZETA — Oregon State Agricultural College

The past two years have been most successful for the progress of Sigma Tau in Zeta Chapter at the Oregon State College. The financial status is constantly improving. At the present time, in addition to our equipment for the maintenance of the chapter, we have $30.00 in cash and $215.00 in loans to members.

Since we have, to begin the present school year, twelve active members and fourteen faculty members, we shall have an active chapter to start the year. Our members are the leaders of the engineering school and are the leaders in the requirements for which members are chosen — namely, scholarship, practicability, and sociability. All ou rmembers have other activities, among them being: four, Scabbard and Blade; four, Phi Kappa Phi; five, American Institute of Electrical Engineering; four, Eta Kappa Nu; two, Varsity "O"; and two on the staff of the *Oregon State Technical Record.* Out of nine honor graduates of last year's engineering class, seven were brothers.

The social activities are restricted to the members, in the form of dinners of which we had four during the last school year. These dinners bring the brothers in closer touch with each other than any other function or organization on the campus with the exception of social fraternities. The dinners also serve to acquaint the men with their professors in a social way.

The attendance at initiations is almost one hundred per cent, including all faculty members.

Though the Freshman medal was not awarded last year, it will be awarded this year to encourage scholarship and to cause membership

in the fraternity to be an honor much sought for and the goal of every engineer in college.

F. D. CROWTHER, *Delegate.*

ETA — Washington State College

Eta Chapter of Sigma Tau at Washington State College enjoyed a very good year last year. Much was accomplished in work within the chapter and on the campus.

Our initiation was held, and sixteen pledges were initiated. When elections were held in March, the juniors found themselves faced with the task of piloting the chapter. They had worn the key only three months, but they worked hard to become more familiar with the aims and organizations of Sigma Tau. The seniors did not let up in their interest and helped the new officers in every possible way.

The pledge stunt last year was to design and cast a bronze tablet bearing an "Engineer's Creed" in the entrance to the Engineering Building. The year before, a concrete drinking fountain was built at the stadium. Numerous such works as these make the name Sigma Tau familiar to the new student soon after his arrival.

Eta Chapter acts as a body to support the activities of the Associated Engineers, the organization of all the engineering students of the college. Its problems are discussed by the chapter at its meetings. The publication of a paper, *The Washington State Engineer,* was begun last year. The matter was first brought up at a Sigma Tau meeting. Next spring the biennial "Engineers' Show" will be held. This means lots of work for Sigma Taus. Unlike some other organizations, the Associated Engineers is led by men whose scholastic standing is high. The president and vice-president of this body are Sigma Taus, and other officers are likely prospects for the next group of neophites. The members are also active in their departmental societies. It must not be thought that Sigma Tau is a political organization on the campus. It is usually a case of one Sigma Tau running against another. It is believed that the Associated Engineers is one of the biggest fields for work.

Each year a scholarship medal is given to the engineering student who excels in his studies during his freshman year.

The freshman engineer covets the honor of being elected to Sigma Tau when his time comes. Each spring the eligible men from the Sophomore class are invited to a "mix" to allow the members and guests to become better acquainted. The next fall the pledges are chosen.

A number of meetings last year were preceded by suppers, and two banquets were held. An informal dance was given by Sigma Tau in cooperation with another engineering fraternity. This is an annual affair. All of these affairs were well attended by the faculty. Eta Chapter is fortunate in having fourteen faculty members. Brother Stanley Smith, former Grand Secretary-Treasurer, is chapter adviser, and his suggestions and advice are a big help to the chapter.

Talks on engineering work are made by members from their own observations or experiences, serving to make the meeting programs very interesting.

active member of the A. S. M. E. Student Branch; Nelson H. Stewart, Jr., an actor of excellence in the annual Engineers' Shows; and Robert L. Glover, president of the Pennsylvania chapter of Eta Kappa Nu and a leader in the A. I. E. E. Student Branch activities. The chapter also welcomed the opportunity presented by the recent advancement of certain members of the faculty to elect Assistant Professor H. E. Walter to Honorary Membership. Professor Walter has the respect and confidence of every man who has had the privilege of knowing him.

Late in November the Juniors were elected and on December 20th the fortunate ones were initiated. The initiations were followed by a dinner and theatre party. The men initiated were: A. Merrick Blamphin, circulation manager of the "Pennsylvania Triangle," track squad, member of the A. S. C. E. and a member of Theta Chi Fraternity; Walter W. Slocum, managing editor of the "Pennsylvania Triangle," key member of the Musical Clubs and a member of Sigma Chi; Francis J. Tucker, Jr., associate editor of the "Daily Pennsylvanian" and a member of Delta Phi; Cornelius M. Weygandt, manager of swimming, soccer squad, and a member of Phi Kappa Sigma; and John F. Motley, a member of the Glee Club and the A. I. E. E.

The plan of meetings previously adopted has been followed out. Luncheons are held bi-weekly on Thursdays and additional meetings are held when necessary.

The success of the Engineers' Show this year was largely due to the efforts of members of Gamma chapter. Of the Men-About-Towne Club which produced the show, Brother Muller is president, and made an admirable girl in the dancing chorus. Brother Christian is secretary, and as an orchestra leader is unique; Brother Wobensmith managed the show, Brother Stevens was stage manager, Brother Stewart was the leading juvenile and Brother Meyers assisted on the stage. The coaches are all alumni of Gamma chapter. Brothers A. O. Schaefer, H. R. Fry, J. M. Hewlett, Jr., and J. F. Sachse II. Without their assistance the show would not have been such a success.

Everything points to a very good future for Gamma Chapter.

Z. T. WOBENSMITH II, *Secretary.*

January 1927

EPSILON — Kansas State College

The present school year started with twenty-four active Sigma Taus upon the threshold of perhaps the biggest year in history for Epsilon Chapter. With but three short weeks until the National Conclave, it was readily seen that no time could be lost. Committees were appointed to fix the stage for the convention. The co-operation and attitude which the men had in their work was remarkable, and everything went smoother than words can express.

From a general viewpoint the conclave was a success and much valuable knowledge was gained by all who attended. Epsilon Chapter was indeed very glad to have our brothers from other chapters and members of the Grand Council as our guests.

Our awards were presented as usual to the Freshmen honor students of last year. Ten men were initiated into Sigma Tau this fall. They are as follows: H. C. Paulsen, '27; C. M. Barber, '27; John Dill, '27; Glenn Kirk, '27; W. S. Reeder, '28; Eugene Irwin, '28; D. D. Smith, '28; H. G. Miller, '28; J. H. Church, '28, and P. E. Chappell, '28. They are from all departments of the college, and rank very high scholastically. We were not interested in merely members, but with men who had the qualifications and full realization of what Sigma Tau means and stands for. Our initiatory banquet will not be held until after the spring election in order that all members may participate in the affair.

Members of Epsilon Chapter are very active in all other organizations on the hill. We have men recently elected to Phi Kappa Phi, Mortar and Ball, Scabbard and Blade, Purple Masque and numerous other societies. As a matter of fact very few organizations exist here in which we do not have a representative.

It is planned that some of our meetings in the future will take place in the form of luncheons. These will be held earlier in the evening and at some popular place in the city. In this way we hope to keep our attendance 100 per cent.

Engineers' Open House is our next big event, followed by our Annual Spring Ball. These only bear mention at this time but plans will be under way in a few weeks for putting them over bigger and better than ever.

We wish to say hello to the alumni of Epsilon Chapter, and assure other chapters that we are aiming to uphold the standards of Sigma Tau.

G. H. STOFFER, *Secretary.*

ZETA — Oregon State Agricultural College

Zeta chapter resumed its activities last fall by pledging six seniors: A. A. Osipovich, Mechanical Engineering; Don P. Yeager and Preston Drew, Civil Engineering; Carl Archibald and Dillane Schloth, Electrical Engineering, and Perry Swanson, Chemical Engineering. Mr. Yeager was compelled to withdraw from school before initiation, because of serious illness.

The other men were initiated November 30. After the initiation ceremonies we adjourned and reconvened downtown where we had a "dutch-treat" banquet. Prof. S. H. Grof spoke and gave us the history of Zeta Chapter.

We have with us again this year four men who were absent from school last year, J. Donald Kroeker, Percy McGauhey, K. I. Davis, and George Selfridge. Brother McGauhey suffered a physical breakdown the spring of his junior year, and spent last year in California and Arizona. Brother Kroeker spent the past year in Alaska, working for a mining concern. He entered school a month late this year but was soon at his old place with the upper few in the class of senior civil engineers. He was editor of our technical publication during his junior year, and at present holds a high administrative posi-

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CHAPTER LETTERS

ALPHA—University of Nebraska

Alpha chapter has just terminated a very successful year. The chapter has been well represented in all school activities, and the members have shown a great deal of interest and enthusiasm in our business meetings.

Our Engineers' Week, during which the College of Engineering holds sway over all the campus, with pep meetings, special convocations. field day, and open house was especially successful this year. Engineers' Week is our greatest effort to bring the College of Engineering before the eyes of the public, and in this it truly succeeded.

Engineers' Night is the feature of the week. On this night, all laboratories are in operation and are thrown open to the public together with the display of a number of special features created by engineering students. The Night was extensively advertised throughout Lincoln by novel window displays, posters, or any other means the students could invent. Several thousand people visited the laboratories during Engineers' Night this year. The visitors were treated to an outburst of Engineer enthusiasm when a delegation from the Law College attempted to interfere with a part of our display. The lawyers were a sorry sight after the ducking party which followed.

Although in accordance with its policy, Sigma Tau does not advertise, it is very active in putting across Engineers' Week, for all of the men are out in some responsible position or another.

In connection with the banquet closing Engineers' Week, Sigma Tau made its annual scholarship award, a silver medal, to the freshman of last year's class standing highest in scholarship. The winner this year was Lynn T. Andersen. While his average was the highest, there were several other promising freshmen close at his heels.

Alpha chapter has tried a new plan this year in connection with its business meetings and has found it very successful. Each business meeting is preceeded by a dinner. Turnouts to business meetings have been much larger, and the opportunities for social contact among the fellows have been much greater. Besides, the dinners afford an opportunity for the members to be brought together with local alumni. It has been decided to continue the plan next year.

The following men were initiated into Sigma Tau April 22:

Stanley Greene, A. E.; Lyman Jillson, M. E.; Ross Kilgore, E. E.; Henry Schlitt, C. E.; Paul Shildneck, Chem. E.; and the honorary members: Professors Kesner, Duff, and Brackett.

It was a coincidence that the men should be so evenly distributed among the branches of the Engineering College. All the new men have been especially prominent in school activities, and a great deal is expected of them in the future.

Plans have been made, and the outlook is bright for another successful year next year. Although a large percentage of the chapter is graduating, we who remain expect to be as strong as ever and carry on the work which they have started.

Alpha Chapter extends greetings to other chapters with best wishes for a successful termination of the school year.

ALBERT BARTOS, *Historian*

GAMMA—University of Pennsylvania

(No chapter letter received.)

July 1927

EPSILON—Kansas State College

During the current year at Kansas State Sigma Tau has endeavored to take as active a part in Engineering activities as possible and now that the year is nearly over, in looking back over what we have done, it seems that more has been accomplished than ever before. We have had a large chapter and the boys have all taken it upon themselves to see that everything the Fraternity attempted was carried out in the best manner possible.

In February, Engineering Open House was held and, as usual, Sigma Tau men were in the responsible positions and put it over in fine style. All departments in the Engineering Division of the College cooperated and some very interesting and educational exhibits were arranged and shown.

The Annual Slide Rule Slide, an Engineers' dance sponsored by Sigma Tau, was held in the latter part of March and proved to be one of the big parties of the year. Brothers Masek and Tate were on the party committee and are certainly to be commended for the fine work they did in overseeing the decoration of the Hall and in attending to all the little details that went to make the party a success.

The semi-annual election of pledges occurred in April and initiation took place April 23. The initiation proper was held at the Sigma Tau room in the afternoon and a big banquet was staged that evening in honor of the occasion at one of the downtown hotels.

The new brothers are as follows:

W. L. Garnett, E. E.; H. F. Blackburn, E. E.; K. B. Mudge, E. E.; E. R. Siefkin, E. E.; L. H. Davies, C. E.; D. W. Grant, E. E.; J. D. Harness, Arch. E.; J. A. Hoop, Ag. E.; Harry Kibler, C. E.; Robert Myers, Chem. E.; J. L. Potter, E. E.; Charles Webb, M. E.; J. C. Bruce, C. E.; G. D. Slaybaugh, E. E.; W. B. Bigelow, C. E.

Our new officers, elected the first meeting in March, are: president, J. H. Church; vice-president, H. G. Miller; secretary, W. S. Reeder; treasurer, D. D. Smith; and historian, J. E. Irwin.

The prospects for next year are very bright. Everyone plans

to be back in the fall "raring to go," and determined to make Sigma Tau one of the most important cogs in the whole Engineering wheel.

W. S. REEDER, *Secretary*

ZETA—Oregon State Agricultural College

Zeta Chapter's most recent attainment is the initiation into honorary membership of three faculty members: F. O. McMillan, associate professor of electrical engineering, W. H. Martin, associate professor of mechanical engineering, and H. S. Rogers, dean of the school of engineering. Each of these men has won distinction in his field, and Zeta is happy to be able to call them her own.

Thirteen students were also initiated during the term. Donald Barnes, Donald Larson, Nolan Page, and Don Yeager are studying civil engineering. Don Yeager was elected last year, but, on account of illness, was prevented from being initiated with his class. Harold Bailey, Joseph Berry, and Donald Patch are of the school of mines. Frederick Conklin and Edward Locke represent the chemical engineering department. Edward Lunda and Joseph Turlay are students of mechanical engineering. William McMorris and Robert Moser bring us the contact with electrical engineering.

At the spring election of officers, Bob Moser was chosen president. Bob is taking a firm hold, and the coming year is expected to be a lively one. The other offices were filled as follows: vice-president, Edward Locke; treasurer, Howard Berry; historian, Donald Barnes; corresponding secretary, Edward Lunda; and recording secretary, Joe Turlay.

One of the great events of the year at the Oregon State Agricultural College is the honor convocation held on "Phi Kappa Phi Day." At this gathering scholarships and prizes are awarded. The sensation of the day, however, is the announcement of the Phi Kappa Phi pledges. This year ten Sigma Taus were pledged. This means that eighteen of our thirty-four active members have now passed that milestone on the road to achievement.

The Oregon State campus is rapidly approaching the ideal (or so it seems to us). The comprehensive building plans of the building department are slowly taking shape. This month ground was broken for the Memorial Union Building, a student enterprise that has been under way for several years. The building will be a social center for student life of the future. Lounging rooms, ball-rooms, banquet facilities, and offices of the various student and alumni organizations are to be housed within its walls. The new Women's Building was also recently dedicated. It is easily the most beautiful structure on the campus. Besides the usual equipment of a gymnasium it has a rather unusual classroom for natural dancing. The walls are lined with mirrors above which cunningly vaulted arches reach across the room. A small stage suitable for tableaux opens from one side. It is to be regretted only that mere men are not permitted to see the room in use.

DONALD BARNES, *Historian*

ETA—Washington State College

The first event in the spring semester was the election of officers for the ensuing year. The results of the election were: President, Harold Brischle; Vice-President, James Pringle; Recording Secretary, Sigurd Johnson; Corresponding Secretary, Clyde Kimbrough; Treasurer, William Gregory; and Historian, Mark Smith.

The annual dance held jointly with Washingtno Beta chapter of Tau Beta Pi was a very enjoyable affair. Programs were in the form of the combined keys of the two organizations.

The fourth biennial Engineers' Open House, sponsored by the Associated Engineers, was the crowning event of the season. The following departments presented displays of a most interesting and educational nature: Architecture, Chemical, Civil, Electrical, Mechanical and Mining Engineering, Physics and Radio.

The leaders in the Associated Engineers are, for the most part, brother Sigma Taus. In the work connected with the Engineers' Open House, Sigma Taus were most active, forming a major portion of the acting committees.

On May 19, Eta chapter held its annual open meeting for sophomore engineers. Twenty-three men, composing the upper fourth of their class in scholarship, were invited to attend. After worthy talks by Past-President Oscar Anderson and brother A. E. Drucker, dean of the School of Mines and Geology, members and guests partook of refreshments and enjoyed a "mix" and general good time. The meeting enabled the members to get acquainted with the men who will be material for the fall election.

The "Washington State Engineer," published by the Associated Engineers ,will be edited next year by a Sigma Tau, Brother Roy Taylor.

The members of Eta chapter who will graduate this spring are: Oscar Anderson, Stanley Bobe, Frank Gerard, Myron Huckle, Stanford Jacobson, Edward Kerry, John May, Ray Miller, Earl Munson, Harvey Richardson, Stanley Ringheim, Franklin Van Zandt, Stewart White and E. A. Baugh. We regret the loss of these men, for they have been real leaders, prominent in engineering and other activities. However, with the group of Juniors who will form the nucleus of the chapter next fall, and the material which we have to draw from in the Sophomore class we are looking forward to an even better season for Eta chapter.

A. MARK SMITH, *Historian*

THETA—University of Illinois

Theta Chapter held its spring formal initiation on Sunday, May 15, at the Inman Hotel. Eleven new men were taken in: C. F. Gebhardt, E. F. Schroeder, E. K. Emerson, E. G. Pearson, R. F. Voell, E. W. Suppiger, M. F. Lindeman, A. W. Howell, G. R. Morton, W. N. Parker, and I. W. Schoeninger.

An excellent banquet was held immediately after the initiation. Professor F. B. Seely presided as toastmaster, the other speakers

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who was deemed by the Society to be the most qualified for the recognition. In granting the award, Sigma Tau has occasioned much favorable comment among the faculty and the student body at large.

Four new men have been added to the honored ranks of Gamma chapter. They are: R. J. Prince, M. E. '29, outstanding in the Mask and Wig Dramatic Club and other societies at Pennsylvania; A. H. Quinn, E. E. '29, who is a member of the Publication Board, a Senior Society man, and near the top of the list in scholarship; D. S. Riter, M. E. '29, outstanding in scholarship and very popular with his classmates; and of course J. P. Young.

Gamma chapter has united with Tau Beta Pi in holding a closed dance the end of January, and shortly after mid-years the second usual period of selection of several new men will be inaugurated.

W. W. SLOCUM, *Secretary.*

January 1928

EPSILON—Kansas State College

Epsilon Chapter is getting well started on another successful year. Its meetings are well attended and a great deal of interest is being shown by its members.

Our chapter is well represented in all the engineering activities on the hill, and this year we will follow our usual custom of giving Scholarship Medals to our high ranking freshman engineers of last year.

Our chapter is largely responsible for the publication of the Kansas State Engineer and is doing a real job of it. Much credit is deserved by our members for the work they did in getting subscriptions for the publication.

Our semi-annual election to membership was held in November, and on December 3, 1927 they were initiated.

The new brothers are:

Ralph L. Miller, E. E.	J. H. Marchbanks, C. E.
E. L. Sloan, C. E.	U. L. Pierce, C. E.
C. F. Reinhardt, Arch. E.	A. E. Dring, C. E.
O. Latzke, Chem. E.	Victor Palneske, C. E.
K. D. Hall, E. E.	M. K. Eby, C. E.
A. H. Hempker, E. E.	L. W. Bailey, E. E.
C. B. Olds, E. E.	H. I. Lindberg, E. E.
C. F. Sardou, M. E.	Prof. E. R. Dawley, honorary

The point average of the new members for the time they have been in College is 2.05.

Four of the five engineers elected to Phi Kappa Phi this semester were Sigma Taus.

All in all, we are looking forward to a very sucessful year for our chapter.

CHARLES R. WEBB, *Historian.*

ZETA—Oregon State Agricultural College
(No chapter letter received.)

ETA—Washington State College
(No chapter letter received.)

THETA—University of Illinois
(No chapter letter received.)

IOTA—University of Colorado
(No chapter letter received.)

KAPPA—Pennsylvania State College

This past semester Kappa Chapter enjoyed one of the most successful periods in its history. The delegation which was chosen for membership in this fraternity exemplifies its ideals to the highest degree.

Kappa Chapter announces with pleasure the election of the following undergraduates from the Senior class:

G. M. Armstrong, Ch. E.	H. B. Lentz, A. E.
W. M. Barker, E. E.	R. A. Spering, C. E.
W. H. Bartash, E. E.	H. C. Stauffer, I. E.
R. B. Fairchild, E. E.	T. M. Langdan
F. X. Hammond, Ch. E.	W. H. Jones

From the Junior class:

R. R. Newquist, E. E.	E. R. Singley, Ch. E.

A member of the faculty, Professor C. L. Harris, head of the School of Architectural Engineering, was also elected.

This year the honorary engineering fraternities and societies at Penn State joined in an enjoyable formal dance. Sigma Tau, Tau Beta Pi, Chi Epsilon, Eta Kappa Nu, Scarab and Pi Tau Sigma were represented at this dance.

The initiation of the newly pledged students was held shortly before the holidays. A number of faculty brothers were present at this initiation. Brother Minshall, professor of civil engineering, who acted as toast-master, and Brother Potter, dean of the School of Engineering at Purdue University, attended.

Under the guidance of our very capable Sphinx, Franklin E. Esterley, Kappa Chapter anticipates a successful second semester.

LEWIS L. GWIN, *Historian.*

LAMBDA—University of Kansas

Lambda Chapter of Sigma Tau resumed activities last fall with eighteen members. The first meeting of the year was held on Tuesday, October 4, at which business matters were discussed and plans outlined for the school year.

The annual fall smoker held for men eligible to Sigma Tau was held Tuesday, October 25, at the Triangle fraternity house.

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Wm. J. Geggis, Ch. E. '29
Fairchild E. Houghton, Ch. E. '29
Donald P. Spiller, M. E. '29
Clyde F. Hill, M. E. '29
Frederick Schick, M. E. '29
Franz Georg Westendarp, E. E. '29.

We consider this to be a representative group, well distributed among the different departments. The men are the most active of their class.

C. Paul Young besides being the recipient of the Sigma Tau award had a part in the Men About Towne Show and played good football on the winning football team from the Moore School of Electrical Engineering.

Rodney T. Colthart is captain of the University golf team and secretary of the Compass and Chain society.

Anthony Dressler Herbst is at once the smallest and biggest men of his class. In spite of his five feet four or five inches, he was chosen to represent the Towne Scientific School on the Undergraduate Council for 1927-1928, played varsity basketball, is a member of Friars Senior Society, is head cheerleader for 1928-1929, is assistant manager of wrestling, and is a member of Compass and Chain.

Bill Geggis is the popular drum major of the University of Pennsylvania band. You may have read the write-up he received in the New Yorker last year for his prowess at wielding the stick and his high stepping. Bill was judged as one of the outstanding players in the Men About Towne Show this year. He is also president of Alpha Chi Sigma for the coming year. He is a member of Theta Chi fraternity.

Fairchild Houghton is a member of the Varsity Soccer team and bids strongly for a track letter this spring.

Don Spiller is a member of the Undergraduate Mask and Wig Club and has danced regularly in the chorus of the Men About Towne productions.

Bob Fitch, Clyde Hill, Fred Schick, and Franz Westendarp are popular men in their class, leaning more toward scholastic achievements than activities.

We of Gamma who are to be graduated this spring are proud of these new members. We are satisfied to give to their charge the name of Sigma Tau, for we believe them worthy and capable of carrying on to higher achievements.

Just a word about some of our outstanding seniors. Walter Slocum, editor-in-chief of The Pennsylvania Triangle, was awarded the honor and a prize of $50 as the outstanding man of the Engineering School this year. Walter certainly deserved it. His untiring and remarkable efficient work in placing The Triangle in its now enviable position was in itself sufficient to deserve the commendation "well done."

Henry A. Rowan has a bit of a monopoly on the honorary

Engineering fraternities. At the time he was taken into Sigma Tau he was also made a member of Tau Beta Pi. Early this spring he was initiated into Sigma Xi as an associate member.

Space forbids going into the activities of all the Seniors. They were all active, all valuable and enthusiastic members. That they will be missed is a certainty but that they are Sigma Taus forever and will continue in the world of affairs their successes gained in school is a consolation.

July 1928

EPSILON — Kansas State College

The end of another year and Epsilon Chapter is to be credited with a goodly share of engineering activities on the hill and the fostering of more interest in the College of Engineering. Much interest has been shown by the active members in meetings and engineering activities. They have cooperated with the engineering faculty in anything that Epsilon Chapter could help put across.

Our annual social event "The Slide Rule Slide" was a grand success. It was held March 16 and was said to be one of the best parties of the year, thanks to the clever decorations put up by the new spring pledges and the ability they showed as ticket salesmen.

Epsilon Chapter announces the following initiates:

E. B. Ankenman	D. P. Hutchison
C. H. Black	A. Morgan
H. T. Deal	B. R. Prentice
E. G. Downie	C. E. Pickett
E. L. Barger	J. S. Rhodes
A. L. Flinner	C. H. Moreland

Epsilon Chapter held its annual initiatory banquet May 3. It could not have been excelled either from the standpoint of eats or entertainment.

ARTHUR E. DRING, *Historian.*

ZETA — Oregon State Agricultural College

At the last meeting of Sigma Tau twelve new members were initiated into the fraternity. Among these were four mechanical engineers, three chemical engineers, four electrical engineers, and one mining engineer. After the formal initiation the meeting adjourned to the banquet room where several talks were given by faculty members, followed by election of officers for the coming year. The newly elected officers are: Howard Berry, president; Henry Fitzpatrick, vice-president; Stephen Rice, recording secretary; George Kidd, corresponding secretary; Artro Swingle, treasurer; and Gailen Vandel, historian.

Of the class of '28 in engineering there are thirteen graduating. Most of these have positions in their different lines of work. Burdick is to be junior highway engineer for the U. S. Bureau of Public Roads and will take over the position upon his completion of the R. O. T. C. summer camp. Donald Barnes has received a teaching

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The fall rushing-smoker was held on October 19 with about fifteen prospective members present. After looking over the scholastic records of the junior class it was found that the upper third included only nineteen men. One factor that has proved a detriment in rushing is the pre-engineering system used by the University of Pennsylvania. Under this plan those desiring to pursue any engineering course must take two years of work in the College. Upon completion of pre-engineering work a man may then enter the engineering school. This system has cut our junior class to a total of fifty-eight men. This makes it more difficult to become acquainted with the under classmen as we never meet them until the beginning of their junior year. An interfraternity rushing agreement was made with Tau Beta Pi whereby the two societies must offer bids on the same day. A second day must elapse before a candidate may accept a bid to either organization.

On October 24 we gave bids to seven men, all of whom accepted. The list follows: William L. Day, M. E. '30; Snowden Ebling, M. E. '30; Henry B. Brown, C. E. '30; Alfred R. Golze, C. E. '30; Charles W. Bohmer, Ch. E. '30; William Roth, E. E. '30; and Arthur Tynan, E. E. '30.

All of these men are well up scholastically, are quite prominent in campus and engineering activities, and might well be considered leaders in their classes. We paid particular attention to select men from each of the four engineering branches. The initiation of these pledges will be held in the middle of November.

The list of present members at Pennsylvania includes thirteen undergraduates and four faculty members.

DENTON S. RITER, *President.*

October 1928

EPSILON—Kansas State College

Meetings are held every second and fourth Thursday of each month at 7:15 P. M., at the chapter room.

There were twenty-eight members elected last year, excluding three honorary members. The fall election for this year resulted in fifteen members being elected.

The balance in the treasury is $136.00, with no outstanding bills and all conclave expenses paid.

The activities of the chapter are made up of an Open House, held before the fall election for the purpose of knowing the men who are eligible scholastically, and Slide-Rule-Slide, an informal dancing party for engineers. The party last spring resulted in clearing about $1.50.

A medal is given to the freshman making the highest grades, and the following nine are given honorable mention.

The result of the spring election of last year, the following officers were elected: Brothers Victor Palenske, president; L. A. Davies, vice-president; Arthur Hemker, recording secretary; Chas. Sardon, treasurer; R. Miller, corresponding secretary; and A. E. Dring, historian. Professor Calderwood is Faculty Advisor.

Activities of members of Sigma Tau included practically all

offices in the engineering division. Ten of the twelve members of Steel Ring, honorary Senior engineering fraternity, are Sigma Tau men. All but two members of the staff of the *Kansas State Engineer* are Sigma Tau members, and so for the other activities.

VICTOR PALENSKE, *Official Delegate.*

ZETA—Oregon State Agricultural College

Zeta Chapter has finished a very successful biennium, particularly in regard to finances. We have in the chapter treasury $48.00. in the Zeta Chapter Sigma Tau Loan fund $65.05, approximately $250 in loans to members, and about $75.00 in fraternity supplies and equipment. Our financial obligations have all been met with the exception of the delegates expenses to and from the Conclave.

We opened the present college year with but nine of the old men back in school. All but two of our loss is due to graduation, those two deciding to remain out a year. On October 26th, 1928 we pledged 12 men of the engineering schools. These men are all seniors and stand high in regards scholarship, sociability, and practicability. The character of these newly pledged men will do much to further the interests of Sigma Tau on the Oregon State Campus.

Zeta Chapter has never undertaken to promote any of the members in any way in activities, however, all of the members at the present time are well known on the campus, stand high in the activities of their various departments, and some of them are in the so-called all-school activities. In a social way we have dinner meetings about three or four times a year at which faculty, student, and practicing engineers give us some helpful hints, ideas, and facts about the topics of interest to the engineer.

It is to be expected that at this conclave some mention will be made of the proposed merger of Sigma Tau and Tau Beta Pi. It is Zeta chapter's wish that its delegate come to the conclave with an open mind on the subject. This stand is taken for the reason that they believe that the chapters of Sigma Tau in schools where Tau Beta Pi does not exist should be given consideration over chapters where both exist. Of Zeta's nine members, eight are Tau Beta Pi also, which might show that Zeta Chapter is not in a position to judge as well as some of the other chapters. Should some plan be worked out now or later, suitable to both organizations, whereby a merger could be achieved, Zeta would stand behind it one hundred per cent.

HOWARD BERRY, *President.*

ETA—State College of Washington

Eta chapter has progressed in a remarkable manner the past two years and indications are that the year of 1928-29 will be the most outstanding of all.

The roll call of our first meeting this fall found nine active members in attendance. There are in addition fifteen faculty members of Sigma Tau on the campus.

The election of pledges which was held on Thursday evening,

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various student clubs, societies, the Undergraduate Council, and the Engineering Council all have a large Sigma Tau membership.

The Gamma Chapter has been quite active. Luncheons have been held bi-weekly at the Club Lido, a popular campus restaurant, where a private room is always reserved for Sigma Tau. These luncheons are usually held on Wednesday, and attendance averages about twenty. They are enjoyable affairs, and bring the more active and alert undergraduates of the different branches of engineering together for a pleasant hour. The annual Sigma Tau-Tau Beta Pi formal dance held in the spring was omitted this year due to conflicts with senior trips and the Easter vacation.

Sigma Tau has an active membership of twenty-seven men as this school year ends. Twelve of these men are seniors who are graduating, with the exception of President Wm. L. Day who is taking a five-year course, and so will be with us another year. The brothers that are leaving will be well scattered over this section of the country.

Brother Cassel is going with the McClintic-Marshall Co. at Pottstown, Pa. Brother Golze is locating in Washington, D. C. with the Interstate Commerce Commission. Brothers M. Brown and Roth are still undecided as to their futures. Brother H. Brown graduates, but will return for a fifth year of Civil Engineering work. Brother Garahan is also returning for a fifth year, being the recipient of one of the annual fellowships awarded in the Moore School of Electrical Engineering. Brothers Bohmer and Ebling will be in Elizabeth, N. J. with the Standard Oil Co. doing chemical and mechanical engineering work respectively. Brother Tynan will do research work in the laboratories of the New York Bell Telephone Company. Brother Creighton is moving across the river to work with R. C. A.-Victor in Camden, and Westinghouse at Pittsburg will take Brother Inzlehart. As these men enter into their life work Sigma Tau closes for the year 1929-30, but will reopen to a new life in October of this year.

July 1930

EPSILON

Progress in School

There have been no new buildings built on the campus in several years but the next to be built will be an Ag-Engineering building.

ETHEL EBERHART

The enrollment of the engineering division has been steadily increasing and is now 1,083, which is many more than last year.

The engineering faculty remains practically the same from year to year. Prof. Kloeffler, the head of the Electrical Engineering division, who has been studying at Mass. Inst. of Technology and Harvard for a year will return next fall. Mr. Rice, who has been teaching here during Prof. Kloeffler's absence, has accepted a position at Iowa State College.

Progress in Chapter

The position of Sigma Tau at Kansas State is much better than ever before. The chapter pledged and initiated 31 very good men this year. These new members have taken over the activities of the chapter and have been very successful in whatever they started to do. The objectives of the chapter are: first to do every thing possible to help Kansas State; second, to make the Engineering Division the best in the middle west; and third, to make Sigma Tau the finest non-social fraternity at Kansas State and make it the acme of achievement for the undergraduate.

The chapter is organized very well. The officers are all conscientious and will do anything for the fraternity. Cooperation is splendid and whenever volunteers are called for to help in some project the response is gratifying. The Senior men seem to lose interest and sit back and let the rest of the chapter do the work.

Report on the Year

On May 17, 1930, Epsilon Chapter of Sigma Tau was composed of 30 faculty and honorary members and 46 actives. Thirty-one undergraduates and one faculty member were pledged this year and were all initiated. One undergraduate was on the track

team and his initiation was held over from last year. Meetings were held every two weeks throughout the school year. The average attendance at meetings during the year was about thirty.

Twenty-five actives will receive degrees this spring and in all probabilities will not return to school next fall.

Gordon C. Nonken	EE	General Electric Co.
Lawrence N. Lydick	EE	General Electric Co.
Arlie L. Coats	EE	General Electric Co.
John S. Rhodes	EE	Chicago Central Sta. Institute
James W. Schwanke	EE	Chicago Central Sta. Institute
Bruce R. Prentice	EE	General Electric Co.
Wm. Boggess	EE	General Electric Co.
James W. Ingraham	EE	
J. Harold Karr	EE	
Harold G. Mangelsdorf	EE	Mass. Institute of Tech.
Irwin R. Stenzel	EE	
Fred Hederhorst	ME	Humble Oil Co., Houston, Tex.
Robert H. Russell	ME	Procter & Gamble Soap Co., K.C.
Vernon Beck	ME	Western Electric Co., Chicago
John R. Coleman	ChE	Eastman Kodak Co., Rochester
Henry J. Barre	AE	Iowa State College, Grad. Work
Herbert N. Stapleton	AE	
Howard W. Baker	AE	
Charles L. Brainard	ArE	
Ralph W. Freeman	FME	
Curtis F. Clayton	CE	
Herman C. Cowdery	CE	
Russell L. Hartman	CE	
Howard J. Jobe	CE	Underhill Const. Co.
Austin Morgan	CE	

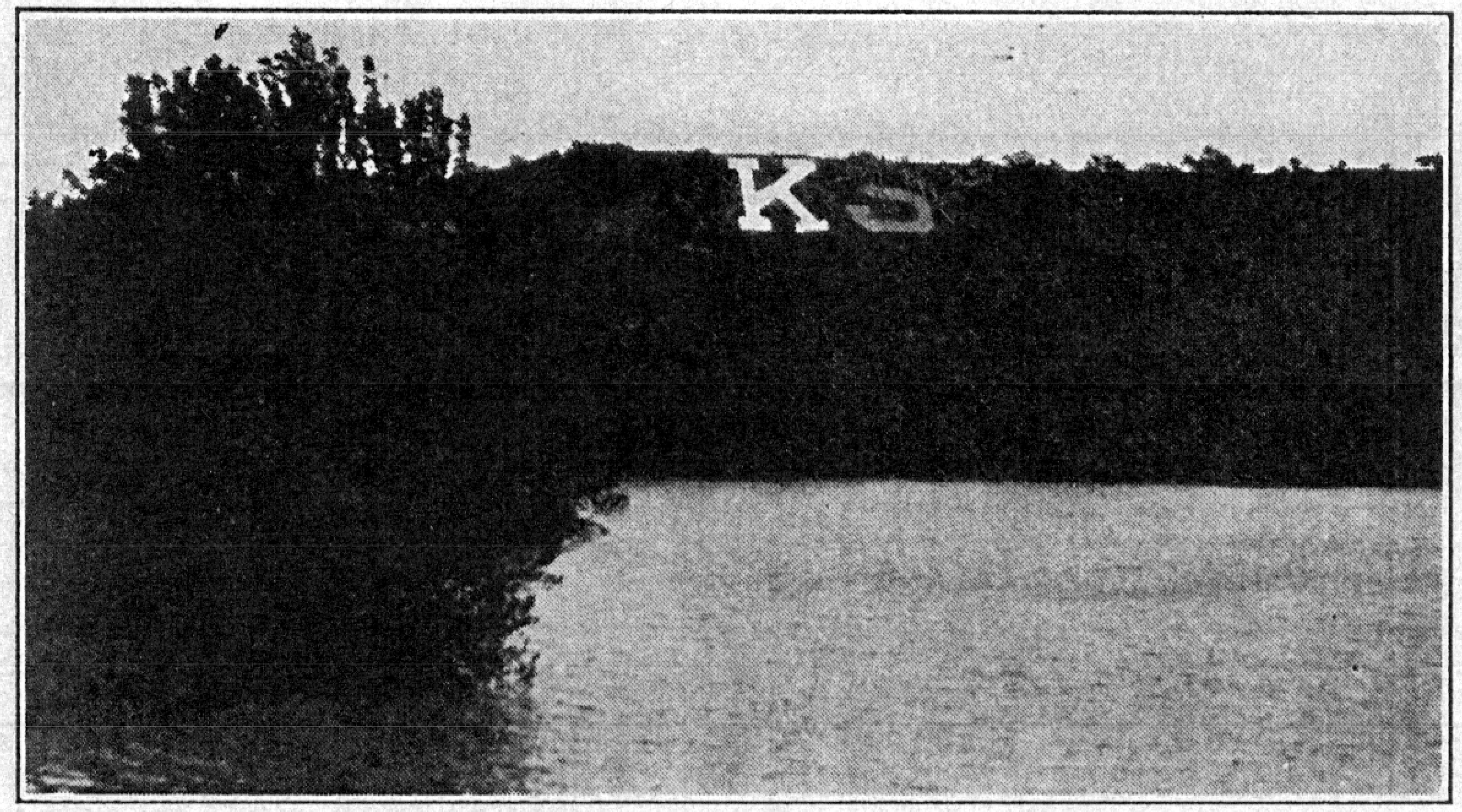
Harold E. Trekell was awarded a medal for having the second highest scholastic average of any Junior Electrical.

The following Sigma Tau's were initiated into Phi Kappa Phi:

Howard Coleman
Russell Hartman
Harold Karr

Irwin Stenzel won a medal for having the second highest scholastic average on a Senior Electrical. Martin K. Eby '29 was awarded the A. S. C. E. award this year.

Ethel Eberhart, an Architectural Engineer, won the Freshman Sigma Tau medal. She is the first woman that has won the



EPSILON CHAPTER'S MONUMENT

medal, and had the highest average of any Freshman in Engineering since the school was founded, 2.94. The basis for grading is A-3, B-2, C-1.

Epsilon Chapter is not in a favorable position to sponsor any sports or to participate in any itself. The Ags suggested a push ball contest with the Engineers as a part of the program of Ag Fair. The proposition was suggested at a Sigma Tau meeting and was very favorably commented upon. A captain was selected, LeRoy Kepley, an initiate this spring, and the contest was held. The score was tied one to one.

Last year Sigma Tau saw the need for an Engineers' Library. Bruce Prentice was appointed head of a committee to investigate the proposition and much was accomplished. This year the room was obtained for the library, light fixtures were purchased and installed, drapes were bought by the fraternity and put in the library. In cooperation with a faculty committee shelves were made and the various magazines received in the engineering division were catalogued and placed in the library. New radiators were purchased by the fraternity and placed in the room. This library is now the pride of the engineering division and represents a typical service of the fraternity. In honor to the service to the college the library is called "Sigma Tau Library".

For several years the engineers have wanted to finish the name of the college that was started on a large hill just south of

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Manhattan. In 1921 a large "K", about eighty by sixty, was built of reinforced concrete on a nearly perpendicular slope of a large hill near Manhattan. This year the idea was suggested that the engineers add the letter "S". The idea was presented in Sigma Tau meeting and met with instant approval. C. M. Rhodes was appointed by the fraternity to serve as the engineers' representative on a committee to promote the project. Brother Rhodes in the next meeting of the fraternity appointed a number of the brothers to help him in the arranging for materials and in the actual construction of the "S". C. C. Parrish was appointed to be in charge of the actual construction. Two days were spent in the construction of the letter and the result is certainly gratifying. Sigma Tau was the real promoter of the work and all of the leaders in the construction work were Sigma Taus. The chapter feels that this was the biggest thing it has accomplished and every active is proud of the success of the project.

The chapter delegate to the conclave is Kenneth D. Grimes, the president of the local chapter. He is a Junior in Electrical Engineering. Brother Grimes is very active in school activities, is President of Sigma Tau, Sec. of Open House this year, Manager of Open House next year, Member of Steel Ring (Local professional Eng. Frat.), Business Manager of KANSAS STATE ENGINEER, Treasurer of Junior Class, member of Y. M. C. A. Board of Directors, and is Second Vice-president of A. I. E. E. He is a very good student and won a medal for having the third highest average for a freshman in engineering and he also received a Phi Kappa Phi Certificate for excellent work while a freshman.

ZETA

Zeta Chapter, Oregon State College, had eleven active members return to college last fall. Twenty-four members were initiated during the college year, and twenty-six members were graduated this Spring.

The following Seniors have secured positions with the Bell Telephone Laboratories in New York City: A. K. Bohren, L. M. Hollingsworth, B. G. Griffith, C. S. Tilton. C. A. McElmurry, Leonard Helgesson, Wilfrid E. Johnson and Kenneth Mahan plan to work for the General Electric Company, Schenectady, N. Y. E. G. Larson intends to work for Westinghouse and H. J. Richen for the Empire Oil Co., Bartlesville, Okla. George L. Boomer was awarded a fellowship at Yale. Louis C. Raymond, Past-President, Zeta Chapter, was awarded a fellowship for Graduate Work at M. I. T.

G. W. Gleeson '28, is now an instructor in the M. M. Dept. at Oregon State. Stephon O. Rice '29, has a Teaching Fellowship at Cal. Tech. A. W. Swingle '29, Zed Atlee '29, and B. M. Mitchell '29, are employed by the G. E. Co. Ralph Mize '29, is working for the Westinghouse Mfg Co.

The delegate from Zeta Chapter to the National Conclave is Willard P. Tyler, the president of the chapter for the coming year. He is also a member of Theta Kappa Nu, national social fraternity; Tau Beta Pi, engineering honorary; and Phi Lambda Upsilon, chemistry honorary. He has been elected to Phi Kappa Phi, scholastic honorary. Brother Tyler is fairly active in athletics, being a member of the varsity swimming squad, and having played intramural baseball, basketball, tennis, and golf during his three years at Oregon State.

ETA

Because we live here and work here, expect progress and accept it as a matter of course, we might, on first thought, say that no great changes have taken place. However, a quick survey would show a difference. The last year has seen the completion of a large field house, built entirely from student funds, which on chilly winter mornings, resounds with the sharp commands of cadet officers drilling their sleepy rookies. Ample skylights and side glass make the interior of the shell as bright as an open field. A running track is laid off along the edges of the dirt floor, and the eighth mile and a hundred yard straightaway marked out. Football and baseball enthusiasts will practice here also, making it possible to lengthen the training period.

To the east, on a hill opposite the campus, a dairy barn incorporating the latest features promoting convenience and cleanliness has been erected. A great deal of effort has been spent in building up a terrace across the lower part of the campus, and bringing it that much closer to the landscape gardener's dream.

But the thing that we, as engineers, are proud of is the new radio station, KWSC. It is not yet finished, and the programs

that we may, one evening a month, or perhaps on experience, a different time interval, hold a meeting at the Philadelphia Engineers' clubhouse. It is planned to have a rather open meeting fostered by the fraternity, and already the consent of several men far advanced along engineering lines has been obtained to give talks on their particular subjects. Realizing the necessity of keeping the interest of the group, we have decided to ask several of our thespian groups to help entertain. The Men About Towne Club in particular is depended upon to provide amusement. The outcome of the affair, we believe, will be to keep the fraternity before the undergraduate bodies as a live and active organization, and also accomplish something educational, practically and pedagogically, for our members. We are approaching the matter seriously and are hopeful of success in this, probably our most extensive venture.

The fraternity also gives the Sigma Tau medal to the freshman having the highest scholastic average for the year in the Engineering School.

Our chapter meetings are usually held in one of the rooms of our Engineering Building. The room is used as an office jointly with the Men About Towne Club and the *Pennsylvania Triangle*. Parliamentary procedure is followed, Roberts Rules of Order being the arbiter in disputes over method, etc. We have reading of the minutes and approval. All matters of fraternity business are settled, such as time for smokers, location, appointment of committees to get scholastic averages, etc. After the business is discharged usually a social time is had. Cards, smokes and talk being the order. Members are informed by direct message which gives very little opportunity to fail to receive notice or dodge meeting. Attendance has been good; we do not hold it against men cutting meeting to do special work on problems we know that they have due shortly, rather a sort of leniency is employed.

Members are selected and grades determined as explained under our supplementary constitution. We have no arbitrary rules as to the number of men taken in each semester; however, it has been the custom to take two from each department junior class the first term, then proportioning the next term's choice according to number of students in the department, worthy cases, etc. Our percentage of membership out of the various upper thirds varies extremely with the size of the departments. For instance, there are fifteen civil engineering seniors, the upper third containing five, of which three, or 60 per cent, are Sigma Tau's. Combined with a now much larger junior class, of which we will take two, the total percentage for the civil engineering department will drop to about 45 per cent. The percentages vary with the other departments, highest with about 80 per cent for the chemical engineers and chemists, down to about 10 per cent for the electrical and mechanical engineering departments.

The records of Gamma Chapter are kept in a lock box, reposing in the home of the president, where they are safe from molestation.

Several of the alumni report favorable progress with their field of work.

Charles Bohmer, Ch.E. '30, is working with the Standard Oil Company of New Jersey in the testing and research department.

Henry B. Brown, Jr., is now connected with the University, where he is instructing in various subjects in the field of civil engineering.

H. Latta Pinkerton graduated last year from the Towne School with a master's degree in chemical engineering.

Financial affairs are, at present, in good shape. Below is a statement of the financial condition:

Funds collectible, outstanding......................
Funds owed by the chapter........................
Total bank balance as of September 20............$37.94
Funds reposing in the Centennial office of the Philadelphia First National Bank.

Bills are payable by check, bearing the signature of the treasurer only. The money is used only for smokers and the purchase of the freshman medal, with the exception, of course, of the National dues.

This concludes the Gamma Chapter report.

ARTHUR I. MARTINDALE,
President, Gamma Chapter.

December 1932

EPSILON—KANSAS STATE COLLEGE

It has become my pleasant duty to represent Epsilon Chapter at the Twelfth Biennial Conclave of Sigma Tau. I, therefore, ask your consideration of the following report of Epsilon Chapter.

Since the fall of 1930, when the Eleventh Biennial Conclave met, Epsilon Chapter has initiated 52 men into active membership and one faculty member to honorary membership. Of this number, 28 active and one honorary were initiated during the school term of 1930-1931, and the remaining 24 during 1931-1932. Nine seniors were taken in in 1930-1931, and only three in 1931-1932. The number elected to Sigma Tau each year is not definitely fixed—it is governed by the considerations of maintaining a certain exclusiveness fitting with Sigma Tau's position of an outstanding honor organization, and at the same time of excluding as few really desirable men as possible. This past year the names of 100 junior and senior engineers were on the eligibility list—24 of these were initiated into the chapter, as has been stated; 17 the first semester and 7 the second, two elections a year being customary at Epsilon Chapter.

This eligibility list just mentioned is prepared before each election by a committee that gets its data from the records of the registrar. The eligibility list prepared by this committee includes the name of every junior and senior engineer who has at the time a point average of over 1.5, where 1 point corresponds to the grade of C, 2 points to the grade of B, and 3 points to the grade of A. This lower limit of scholastic standing was accepted on the recommendation of a committee investigating the situation in 1930, and although opinions on whether or not the average of 1.5 divides the upper one-third from the lower two-thirds vary, the general opinion among students and faculty is that the line of demarcation is at least not too low. Also, the tendency in electing new men is to avoid choosing those too near the division point; for example, last year the lowest average of all men initiated was 1.61.

The scholastic rating of the chapter is high; the first semester of last year Sigma Tau was rated as seventh among all organizations at Kansas State, and the second semester was rated as sixth among all organizations. The point average of last year's initiates was 2.126 as determined by the system already explained. As a further example of the high scholarship rating of the group, of the 16 men elected from the Division of Engineering to Phi Kappa Phi, which considers scholarship alone, nine were active Sigma Tau's.

After the eligibility lists have been prepared they are taken to the heads of the various departments in the Division of Engineering for approval. After election, the names of those elected are taken to the Dean and the Assistant Dean of the Division for final approval. The names appearing

on the eligibility list are placed before the chapter some two weeks before the actual election. At the time of election the same list is read by the Sphinx and by acclamation it is decided which names shall be voted upon. Voting is done by means of playing cards—red signifying election and black rejection.

According to the by-laws (Art. IV, Sec. 6) of the Sigma Tau fraternity, all candidates for initiation are required to obtain the signatures of all active, honorary and alumni members of Sigma Tau in school before initiation. Pledges of Epsilon Chapter are usually allowed a week for this as the list is rather long. During this week each pledge is required to wear a four-inch rail section suspended from his neck by a rope covered with blue and white ribbon. Said rail section is painted black with the gold letters Sigma Tau on the sides. In addition to this, uniformity of dress is required of the pledges during this period—this usually takes the form of riding pants, boots and leather jacket. Actives normally seem to regard this so-called "Hell" week as offering a splendid opportunity for having cars washed and sundry other jobs done, although I do not know exactly where the idea had its origin. Initiation is, I regret to say, still a bit informal at Epsilon Chapter, although the tendency is toward less and less informality. As far as I have been able to determine from the past two presidents, a new ritual eliminating such informality was promised to the chapter, but this never put in an appearance. Hence, initiations are conducted in accordance with the old ritual which makes no specific provision against informality.

Initiations and meetings are held in the chapter room which, incidentally, is not the same chapter room that the organization occupied several years ago. At that time a room in a wing of the Engineering Building was given over to Sigma Tau, but at the beginning of school last fall the room was badly needed for classes and so the chapter was forced to move. A new chapter room was found in a recently constructed Bible College just off the campus. The new room is about 19 by 25 feet in size and has been furnished with a rug, two tables, a number of straight chairs, a davenport, a Morris chair for the Sphinx and a secretary in which all the chapter records are kept. In addition to these furnishings, the Sigma Tau emblems—pyramid and rail section—as well as a Holy Bible, rest on the table before the Sphinx, and on the wall behind him hangs a skin with the Sigma Tau crest on it. The walls have been decorated with framed pictures of active chapters of former years. The rent of this room is $25.00 for a year.

One activity of Sigma Tau that has become an annual affair is Sigma Tau Open House, to which are invited all eligible juniors and seniors in the Division of Engineering shortly before the fall election to membership. It takes the form of a general get-together where actives, nonmembers and faculty mix freely. Refreshments are invariably served and afterwards short talks by different faculty members and officers of the fraternity are in order. In years past Open House has been held in the old chapter room—last year, however, it was held in the Engineers' Library and I rather imagine it will be held there again this fall as the size of the crowd precludes the use of our present chapter room. Open House serves well its purpose of allowing the active members to become better acquainted with the prospective candidates for election.

An activity participated in by Sigma Tau last winter for the first time was the giving of "Engineers' Alloy" in cooperation with Steel Ring, a local honorary engineering society. This function was also a mixer, but it was on a much larger scale than Sigma Tau Open House, for instead of being limited to the upper third of juniors and seniors it was open to all engineers—freshmen, sophomores, juniors and seniors. It was necessarily held in the gymnasium. Boxing and wrestling matches were added attractions, and the inevitable cider and doughnuts were served as refreshments. Short talks on Sigma Tau and Steel Ring were made by members of the engineering faculty and by the presidents of the two organizations.

Last year, as in former years, Epsilon Chapter gave at a chapel, where other awards were given to honor students, three medals—gold, silver and bronze—to the three sophomores who in their freshman year made the highest grades in the engineering division. In this way Sigma Tau is doing its part to encourage freshmen engineers to put forth their best efforts toward the attaining of high scholastic records.

An additional activity to which Epsilon Chapter devotes considerable time is the Engineers' Open House. This is not to be confused with the Sigma Tau Open House previously mentioned—Engineers' Open House is an annual exposition presented by the entire division of engineering, and in that light cannot be regarded as a Sigma Tau project; but because of the fact that the manager of Engineers' Open House is invariably chosen from the ranks of Sigma Tau, and also that a great majority of the committee responsible for the organization and presentation of Engineers' Open House are Sigma Tau's, it can be truthfully said that much credit for the huge success that Open House annually achieves is due to active Sigma Tau's.

While on the subject of general school activities participated in by Sigma Tau, it can be mentioned that a majority of the officers of various departmental organizations, including the American Society of Agricultural Engineers, the American Society of Civil Engineers, the American Institute of Electrical Engineers, and the American Society of Mechanical Engineers, are and have been Sigma Tau's. Four of the five members of the managing board of the *Kansas State Engineer,* the division's publication, are Sigma Tau's, as are eight of the eighteen members of the staff. The Kansas State Engineering Association, which embraces all departments in the Division of Engineering, chose four of its five officers from the ranks of Epsilon Chapter.

Last year Epsilon Chapter had two banquets, one after each of the fall and spring elections to membership. It was a poor idea from a financial viewpoint as the cost of the banquets amounted to a large portion of the receipts from the initiation of new members, and as a result funds available for other uses were diminished. For this reason there will probably be but one banquet given this year as has been the custom in years past. At the spring banquet last year a small charge was made, which amounted to about 20 per cent of the total cost.

Attendance at regular meetings was good for the greater part of last winter, but attendance at the last few meetings last spring fell off perceptibly due to several reasons. Chief among these is the tendency for the men graduating to sit back and let affairs be handled by the juniors they have elected. Another reason for the fall in attendance toward the last of the year lies undoubtedly in the fact that school work becomes heaviest at that time. Meetings are announced by sending printed cards to all members through the college postoffice—possibly a more personal manner of announcing these meetings might bring attendance to a higher point, but it would be a difficult matter where there are anywhere from 25 to 50 members to notify. The idea of fining members who did not attend has been introduced, but the consensus of opinion is that the fines would be exceedingly difficult to collect. It might be that dinner or luncheon meetings would receive better attendance, a matter which probably will be considered at future meetings.

With regard to future plans, one idea that was mentioned last year and which is sure to be brought up again this year is the flood lighting of the 213-foot concrete smokestack behind the Engineering Building. This stack

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has been illuminated several times in the past for Engineers' Open House, and as it is dead white it stands out very vividly when so lighted.

Inasmuch as Engineers' Alloy, which was inaugurated last year, was such a success, it probably will be given again.

Work on the completion of the Engineers' Library, begun several years ago by Epsilon Chapter and discontinued temporarily about a year ago, will probably be resumed. The library is complete as regards fixtures, tables, chairs, shelves, and the like, but much can be done with regard to making the assortment of periodicals and reference books more complete.

Another matter which will probably be passed on by the chapter in the near future is that of elections. Epsilon Chapter has been accustomed to having two elections for membership—one in the fall and one in the spring, as has been mentioned. Possibly only one election to membership will be held in the future, as, of course, those men who are elected in the spring never have a chance to hold office in the organization as the election of officers occurs before they are initiated.

The financial statement for last year follows: The balance brought forward to last fall was $84.70. Receipts of $25.25 for each of 24 men initiated last year amounted to $606.00. Receipts from charge made those attending banquet last spring amounted to $15.75, which makes a total of $706.45. The principal disbursements during the past year were as follows: Grand Council, $15.25 for each initiate, total of $366.00. For two pages in the *Royal Purple*, the college yearbook, $40.00. For Engineers' Alloy, in cooperation with Steel Ring, $20.00. Rent of chapter room, $25.00. Fall banquet, $67.00 approximately; spring banquet, $75.00 approximately. For freshman medals, $15.00. The total disbursements amounted to $634.93, leaving a present balance of $71.52 with which to start this year.

RECEIPTS (Year 1931-32)

Balance brought forward	$ 84.70
Initiation of 24 men at $25.25 per man	606.00
Charge made at banquet	15.75
	$706.45

PRINCIPAL DISBURSEMENTS (Year 1931-32)

Grand Council, $15.25 for each initiate	$366.00
Royal Purple	40.00
Engineers' Alloy	20.00
Chapter Room	25.00
Fall banquet	67.00
Spring banquet	75.00
Freshman medals	15.00
	$608.00
Actual total disbursements	$634.93
Present balance	$ 71.52

STUART R. MUDGE,
President, Epsilon Chapter.

ZETA—OREGON STATE AGRICULTURAL COLLEGE

During the past two years, Zeta Chapter has been very active on the Oregon State College campus. With the aid of our faculty advisor, Prof. Ben H. Nichols, we have done much to promote the spirit of cooperation among the engineering students, and loyalty to the engineering profession.

Recently, the State Board of Higher Education, which controls the destinies of our institution, has brought about changes which directly strengthen our school of engineering. Formerly, the course in chemical engineering had been more or less apart from the other schools. Now it is under the supervision of Dean H. S. Rogers, Dean of the School of Engineering, and the whole organization has become more unified. Zeta Chapter is in position to benefit by these changes, and we are rendering every possible service.

Zeta Chapter includes in its membership many of the active students on the campus. Last year's chapter president is now the student body president. We also have the presidents of the Associated Engineers, A. S. C. E. and A. I. E. E. Among our alumni we have Councilor H. W. Fish, '21, in Mechanical Engineering, who is an engineer with the Pacific Telephone & Telegraph Company at Seattle; Raymond Archibald, '19, in Civil Engineering, who was with the Highway Commission of Oregon for five years, had highway work in Missouri for two years, was in Arkansas until last spring, and is now the bridge engineer for the Highway Commission of Idaho; Edwin Parker, '31, in Mechanical Engineering, who was admitted to the General Electric Company on test in November, 1931, and is one of the few to remain for the engineering course.

Last year we initiated twenty-one and this year eighteen outstanding engineering students. In each instance the group initiated was approximately 50 per cent of the upper third of the juniors and seniors. Their grades were taken from the official records in the registrar's office.

The financial condition of the chapter is satisfactory. At the present time we have a cash balance of $42.05. An account is kept at one of the local banks, and the bills paid by check. The funds are used for buying medals for the outstanding freshmen, printing programs, buying carnations for pledges, and for similar uses. A loan fund for members, which is handled by Prof. S. H. Graf, an honorary member of Zeta Chapter, has, at present, $235.00. The loans are small and are for short terms. About $200.00 of the fund is now in, and the rest is expected within the coming year.

Several years ago we suffered the loss of our records through an accident. They are now in safe keeping, but are not yet complete. We hope to have them in their entirety within a short time.

Zeta Chapter has been fortunate in having a spirit of brotherhood and cooperation, and we have experienced little difficulty in getting the members to attend the meetings. We are doing all in our power to serve our school and make it a better place to study.

ELDEN W. CARTER,
President, Zeta Chapter.

ETA—STATE COLLEGE OF WASHINGTON

Submitted to National Conclave, September, 1932.

Numbers refer to outlined questions from Secretary-Treasurer Sjogren.

1. At the close of the year the chapter was financially sound. During the year 27 pledges were initiated and 31 members graduated. Fourteen members are to return for the fall semester, 1932.

During the year we have had a joint dance and banquet with Tau Beta Pi in addition to two banquets and two breakfasts. Pledge work has been utilized in maintaining structures previously erected on the campus by this chapter.

2. Membership is coveted by all serious engineering students. These students strive to obtain high averages and make social contacts that will make them eligible to Sigma Tau.

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REAL PENNSYLVANIANS

JAMES TAYLOR ARTHUR MARTINDALE

ACTIVITIES OF GAMMA CHAPTER

During the past year, Gamma Chapter assisted in putting over the Tri-School Banquet, entertained several professors at luncheon, and was host to Nu Chapter of Swarthmore College during a dinner and initiation.

The Tri-School Banquet at the University of Pennsylvania is a dinner sponsored by the Towne and Moore Schools, which are schools of engineering, and the School of Fine Arts. The banquet, however, is really put on by two groups—the Hexagon Senior Society and Sigma Tau. Last year's banquet was a great success and much credit goes to Art Martindale and Harry Broom, members of Hexagon as well as Sigma Tau. At this dinner Sigma Tau presented its medal to the man from last year's freshman class who had the highest scholastic average. The presentation was made by last year's vice-president, Gilbert Swift.

On the day of the last initiation five members of Nu Chapter and their adviser came up from Swarthmore and had dinner at the Arcadia Cafe, and then witnessed the initiation of six new members into Gamma Chapter. A fine evening was had by all and both chapters look forward to future get-togethers.

Individual achievement among the members of Gamma Chapter runs quite high and it would be impossible to try to name even half of the activities the members have. The pictures and activities of two of last year's officers have been brought to light in an effort to present an average Gamma man.

ACTIVITIES OF ARTHUR MARTINDALE, President of Gamma, 1932-33:

- Hexagon Senior Society, Treasurer.
- *Pennsylvania Triangle,* Editorial Board (4 years).
- Men About Towne Club and Show (4 years).
- Varsity 150-Pound Crew (2 years).
- Compass and Chain Society.
- A. S. C. E.
- Dramatic Club.

ACTIVITIES OF JAMES TAYLOR, Treasurer of Gamma, 1932-33:

- Sphinx Senior Society.
- Tau Beta Pi.
- Varsity Crew (2 years).
- Class President.
- Men About Towne Club.
- *Pennsylvania Triangle,* Editorial Board.
- Compass and Chain, President.
- A. S. C. E., President.
- Undergraduate Council, Vice-President.
- Christian Association Cabinet.
- President Gate's Advisory Athletic Board.
- Varsity Boat Club.

EPSILON CHAPTER

August 1933

The first meeting of the year was held at the chapter room, located in the Manhattan Bible College, on September 23, 1933.

On November 10, 1932, Epsilon Chapter of Sigma Tau held a smoker at the Community House for men who were eligible for election to Sigma Tau. Members of the engineering faculty made short talks and refreshments were served.

On December 2, 1932, fourteen men completed their week of probation, as required by the chapter, and were initiated into Epsilon Chapter.

The annual Engineers' Open House was held March 17th and 18th. Sigma Tau voted to finance some feature of the display as funds for the exhibition were very low. As a result, Pro-

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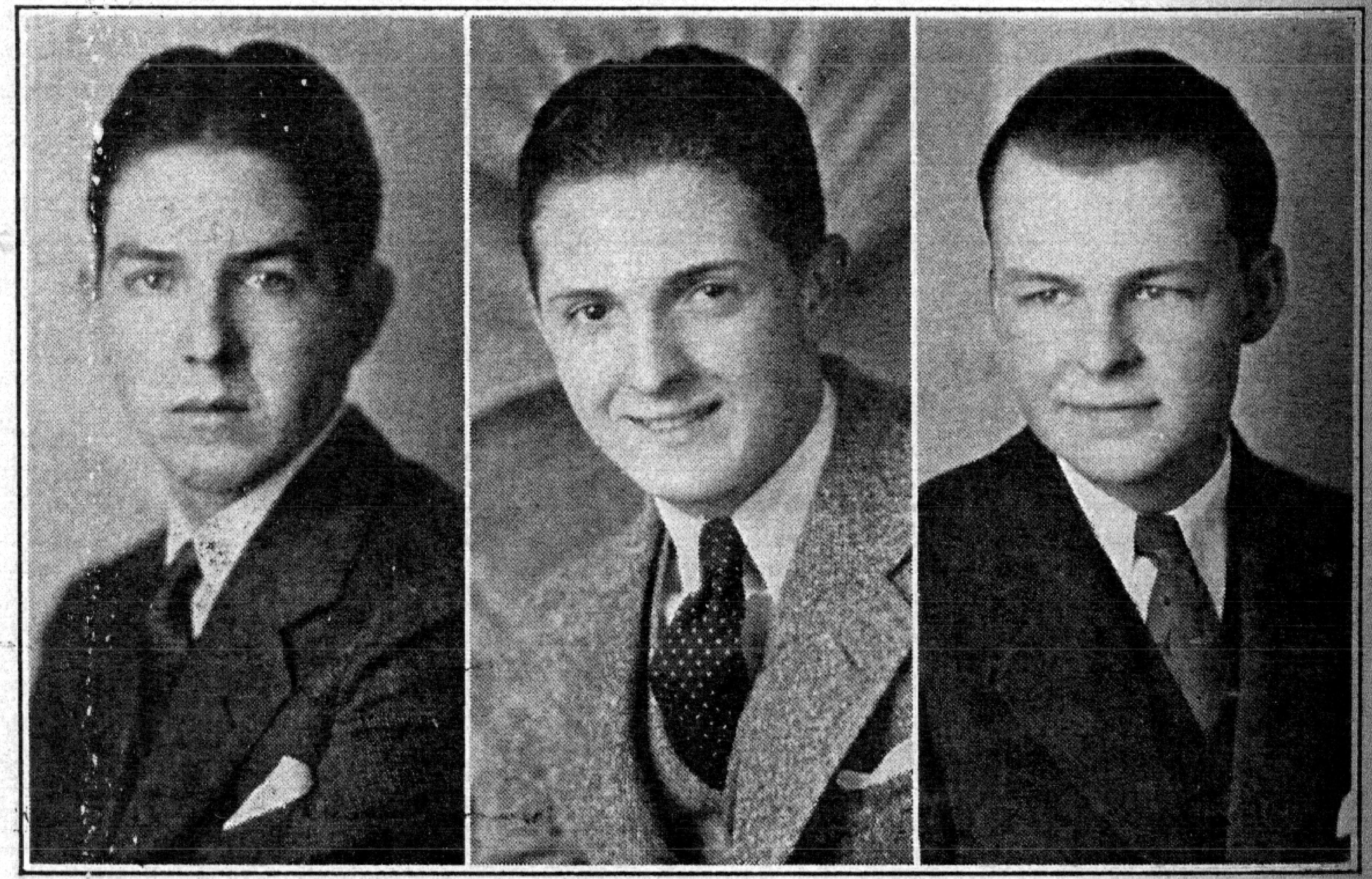
fessor Cady, from the chemistry department of Kansas University, was secured to give an illustrated lecture on "Liquid Air." The lecture was well attended and was one of the high spots of the two days' activities. Mr. Eugene Peltier, C.E., '34, was in charge of the arrangements for the lecture. Sigma Tau also provided a rest room and lounge for the comfort of those attending Open House. Of the forty-seven men on the various Open House committees, thirty-two were either members of Sigma Tau or pledges awaiting initiation.

Twelve men were initiated into Sigma Tau on March 20th. Spring initiation is always held immediately after Open House in order that the pledges may be required to help with the work of Open House.

At the election of officers in March, the following men were selected to carry on the work next year:

President—Clair N. Palmer.
Vice-President—Edgar A. Cooper.
Secretary—Vorras A. Elliott.
Treasurer—Harold R. Heckendorn.
Corresponding Secretary—Cecil Arens.
Historian—Dean E. Swift.
Faculty Adviser—Prof L. V. White.

At the annual scholarship recognition day, May 5, 1933, Sigma Tau presented gold, silver and bronze medals to the three sopho-



MUDGE DAVIDSON ALEXANDER

more engineers who made the highest scholastic averages during their freshman year.

H. H. McCord and R. J. Alexander were members of the Student Council, executive body of the Student Governing Association.

E. J. Peltier was president of the Student Branch of the American Society of Civil Engineers for the fall semester and E. E. Comstock was in charge for the spring semester.

In the electrical department, S. R. Mudge was president of the Student Branch of the American Institute of Electrical Engineers for the fall semester and I. E. McDougal for the spring semester.

R. C. Besler was president of the Student Branch of the American Society of Mechanical Engineers for the year 1932-33.

J. P. Woolcott was president of the Society of Milling Industry.

I. E. McDougal was president of Scarab, senior men's organization.

Three outstanding members of Sigma Tau are S. R. Mudge, R. J. Alexander and M. H. Davison. They have all been active in Sigma Tau, but what they are known for most is their outstanding activity in engineering affairs and other school activities.

Brother Mudge is retiring president of Sigma Tau. His term of office has been very successful, as can be seen from the various activities successfully carried out the past year by Sigma Tau. Brother Mudge is also retiring president of the Kansas State Engineering Association. In addition to the above honors given him by students, the faculty voted him the outstanding engineer of Kansas State this year. He has also been elected to Phi Kappa Phi.

Brother Alexander was the manager of the Engineers' Open House. Much of the success of Open House this year was due to Brother Alexander's tireless efforts and resourcefulness. The past year he has been a member of the Student Governing Association.

Brother Davison has, for the past year, been editor of the *Kansas State Engineer*. His efforts and ability have made the magazine one of the best in recent years although the money available was considerably less. He has also been very active in any project which Sigma Tau has sponsored, and also in the American Society of Civil Engineers. Outside of the engineering division, Mr. Davison was president of the music fraternity, Phi Mu Alpha.

mentioned Men About Towne Club Show, devised further funny farces for the Priestly Club, and held membership in Alpha Chi Sigma.

Howard Heilman aided in the production of the Men About Towne Club Show, was a member of Alpha Chi Sigma, Priestly Club, and of Tau Beta Pi, honorary scholastic fraternity. Bob Bent toiled as circulation editor of *The Pennsylvania Triangle* besides being a member of Alpha Chi Sigma.

The mechanical engineers consisting of Ray Muehlman, Jack Stevens and Len Bardsley have been well known in activities this year. Ray and Jack were both mainstays of the Men About Towne Club and were both members of Hexagon Senior Society. Ray is also a member of the *Triangle* staff and of Tau Beta Pi. Len Bardsley has been elected to Scabbard and Blade fraternity, an organization recognizing merit, in the University R. O. T. C. unit.

Among the civil engineers "Whitey" Blix has been outstanding, being a member of the Men About Towne Club, president of Compass & Chain Society, a civil engineering group on the Pennsylvania campus. Ted Fetter participated in many activities, being a member of the Men About Towne Club, Christian Association Cabinet, Compass & Chain Society, and on the staff of *The Pennsylvania Triangle*. Ed Martindale has been active in the Men About Towne Club, and was a member of the Compass & Chain Society.

As may be recalled, Gamma Chapter produced the February issue of THE PYRAMID this year. As a group, Gamma Chapter has originated and sponsored the adoption of a student activities fee to be charged to each student for the support of such activities as *The Pennsylvania Triangle,* the Men About Towne Club, and the respective student chapters of the professional societies. Probably all college students have known of the failing of activities through lack of funds this year. Gamma Chapter feels that by bringing forward such a measure we have served our University in good stead.

Summer 1934

EPSILON CHAPTER

Epsilon Chapter of Sigma Tau feels 1933-1934 has been a very successful year. We were led this year by outstanding men and with the cooperation of a splendid faculty were able to put across many undertakings.

Last fall we initiated eighteen men into the organization and this spring thirteen were added to our membership list. At our spring initiation we were fortunate in having our National President, Verne Hedge, with us. He presented the keys to the new members, and made the key presentation speech. This proved to be a real treat to the new members as the National President had formulated that part of the ritual.

The Engineer's Alloy, an engineering division mixer, was held and proved to be quite a success. It is an annual affair of all the engineers and is sponsored each year by the Steel Ring, local honorary engineering fraternity, and Sigma Tau. The climax of the evening was that of the outbreak of the "Intake and Exhaust," the engineering publication about the true facts and scandal of the Engineering House and its machines, political and personal.

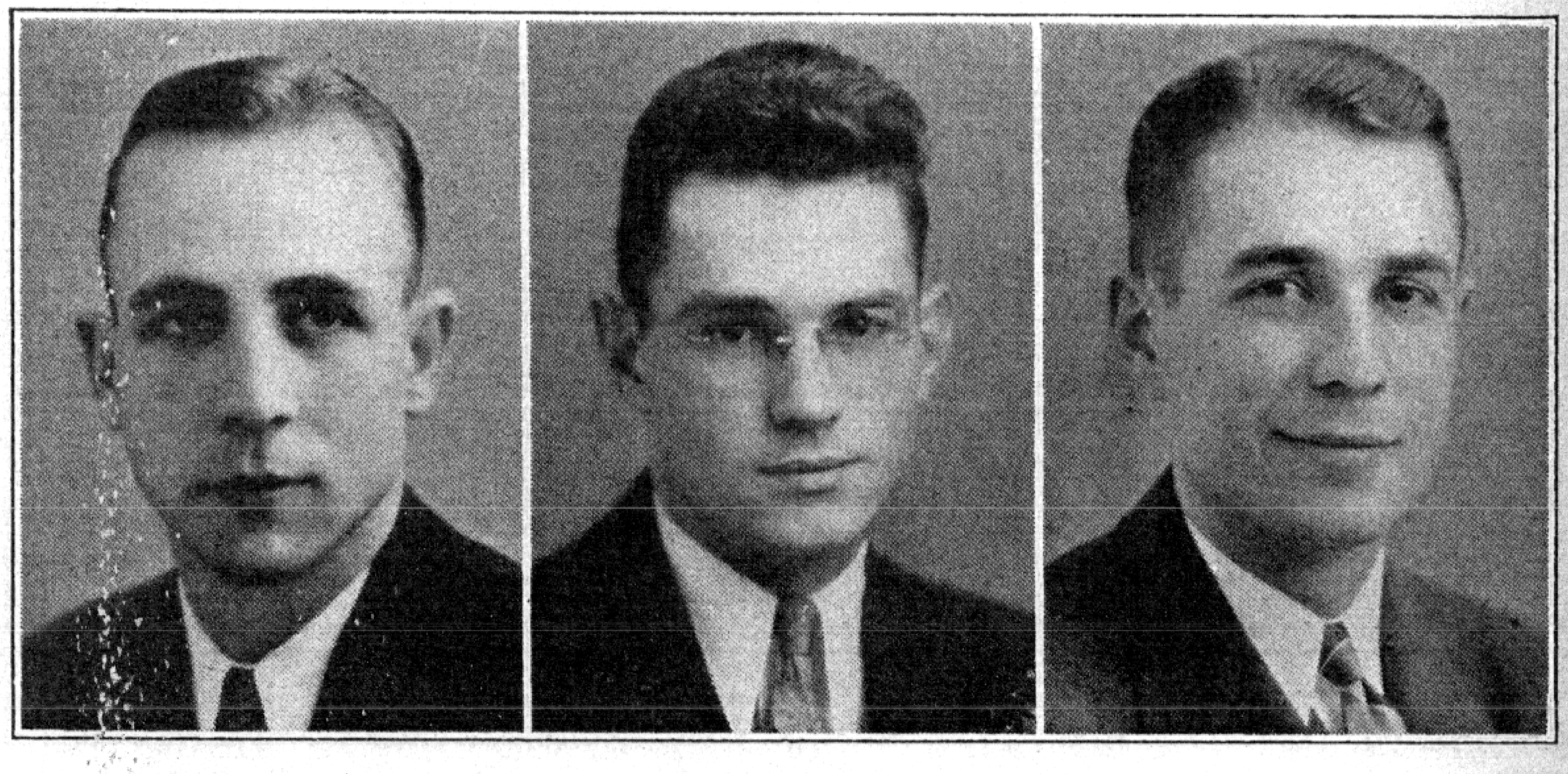
In the fall of last year we held the annual smoker for entertaining that group of juniors and seniors who are eligible for initiation into Sigma Tau. There were present at the smoker about 100 students and also a large turn out by the faculty.

The annual Spring Party which will be held May 11th and is to be the good old stag and get together variety with the spice of the program coming later in the evening in the form of a dance. The Lambda Chapter has been invited and we hope quite a few of the boys will be able to attend.

Clair Palmer, one of the outstanding men at Kansas State College, and Past Sphinx of Epsilon Chapter of Sigma Tau, will graduate this spring from the School of Electrical Engineering. Clair has been an outstanding student in Kansas State ever since he was a freshman as is shown by his election to freshman Phi Kappa Phi honors which upon later work earned his place into the active chapter of Phi Kappa Phi, national honorary organization. Palmer was not only interested in direct engineering but other activities, also, as he was Cadet Colonel

of the R. O. T. C. Among some of his honors appear his election into Blue Key past chairman to student branch of A. I. E. E., business manager of the Kansas State Engineer, vice-president of the Engineering Association, and to St. Pat, the ruler of the engineers. On May 4th he was given the first prize, a gold medal for being the highest ranking senior in the Electrical Engineering division.

Clair, though a self-supporting student, maintained a high scholastic standing in many activities. Kansas State will feel the loss of Clair next year but we know that wherever he goes he will serve others with the same sincerity and devotion he has so well served us.



PALMER ELLIOTT POOLE

Another worthy senior of the graduating class is Vorras Elliott, who has been an outstanding student during his three years at Kansas State College. Vorras is past secretary of Sigma Tau and past president of Steel Ring, local honorary engineering fraternity. Vorras was interested in Mechanical Engineering and will graduate with a B.Sc. in M. E. this June.

He was president of the College Band, secretary of Blue Key, vice-president of his social fraternity, Alpha Kappa Lambda, and elected into Dynamis, a local honorary organization, and also to the College Y. M. C. A. Board.

Vorras has received honors since his freshman year. He was elected to receive freshman Phi Kappa Phi honors, and later in his senior year he was elected to membership in that organization. He held the following offices: President student branch of A. S. M. E., manager of the Engineers' Open House, associate editor of the Kansas State Engineer, and vice-president of the Christian Endeavor of the Christian church.

While Vorras has taken part in many outside activities, he has worked his way through school, and has been an outstanding student on the campus.

Hal Poole is another outstanding senior and member of Sigma Tau. Hal will graduate this spring from the department of Electrical Engineering. His interest in Kansas State College can be measured by the activities which he has participated in. He was manager of the Engineering Prom, which proved to be the largest school dance of the year, and also the best ever held. He was chairman of the student branch of the A. I. E. E., and went to Texas this spring for their annual convention. Hal was elected to Phi Kappa Phi, and was on the engineering council for 1933-1934. On May 4th he was given the silver Electrical Engineering Medal for being the second highest ranking senior in the Electrical Engineering division.

Though Hal was not in school in Kansas State College for the first two years of his college education he has made a host of friends.

Among the Sigma Tau men, of the senior class, who graduated this year, the following have been outstanding in their respective groups: In the Electrical Engineering division were E. A. Cooper and Cecil Arens; Lyle Smelser and Hal McCord, Civil Engineers, are now with the State Highway Department; Hugh Maxwell was quite prominent in campus life while at Kansas State College; and Clair Hulbert, who is now with the extension department of the College, is doing very well in his new work.

The members of the active Chapter of Sigma Tau extend best wishes to our graduating members and wish them success in their future undertakings.

LESLIE W. KING,
Chapter Historian.

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but last year's secretary, W. Blix, reports the loss of the minutes of the chapter. At present they are being replaced insofar as possible.

EDMUND W. MARTINDALE,
Delegate Gamma Chapter.

November 1934

EPSILON—KANSAS STATE COLLEGE

Epsilon Chapter of Sigma Tau is by far the most outstanding honorary organization in the engineering division. Election to Sigma Tau carries much more weight with students of engineering on our campus than election to any other honorary organization, except, perhaps, the all-school honorary scholarship fraternity, Phi Kappa Phi. In many ways election to Sigma Tau is considered a higher honor than election to Phi Kappa Phi because such election carries the distinction of sociability and practicality as well as that of a high grade average.

As an honorary organization, Sigma Tau is the guiding light of the engineering division in many of its extra curricular activities. Our chapter combines with Steel Ring each year in the promulgation of Engineers' Alloy, a social get-together for all the students in the engineering division. Through this event we expect to become better acquainted with our freshman engineers and to promote a spirit of unity among the various departments of the division, as well as to give our freshman engineers an opportunity to become acquainted with many of the members of our faculty.

Each year Sigma Tau elects a junior engineer to the secretary of our Open House, and the following year he becomes the president in natural succession. Open House is our engineering show for the public. It attracts more people to our campus than any other event except possibly the K. U.-Kansas State or the Nebraska-Kansas State football games. Every member of Sigma Tau has a large part in the actual administration of Open House activities. Each member is assigned to a committee, and through these committees the actual work of preparing for Open House is accomplished. Brother Dean Swift will be the president of Open House this year, and we expect to make it a bigger and better event than ever before. Brother Vorras Elliott was president of the affair last year, and he did a very excellent job of making it a success in a rather bad year.

Each year during the first part of the fall semester, our chapter holds a smoker for the benefit of those students who will be eligible for election to Sigma Tau during the year. I was present as a prospective member at this smoker last fall, and I had a very enjoyable evening. The turnout of both faculty and student members of the chapter was quite satisfactory. This smoker gives the members of the chapter a much better chance to become personally acquainted with a great many of the students who are eligible for election to Sigma Tau.

Our final group get-together at the end of the year is our annual spring banquet in honor of the year's pledges. Two years ago this banquet was held at the Wareham Hotel, and last year at the College Cafeteria. This has always been a stag affair, and will probably continue to be such. Last spring we had a dance after the banquet for those members who wished to attend, and a rather large number turned out. To the dance each active member was given the privilege of inviting an extra couple, and those with dates were given the additional privilege of one stag bid. The dance was financed through the assessment of 75 cents per member, said assessment being compulsory for each and every member.

Epsilon Chapter seeks to promote scholarship among our underclassmen in the engineering division by giving each year a gold, silver, and bronze medal respectively to the first, second, and third ranking men in scholarship at the end of their freshman year. It is considered quite an honor to be the recipient of one of these medals.

During the past two years Epsilon Chapter of Sigma Tau has included most of the outstanding students in the division. Stewart Mudge of the class of '33 and Clair Palmer of the class of '34 were selected as the outstanding senior students in engineering for the years shown. Each man was Sphinx of this chapter at the time of his selection as outstanding student. In the '33 graduating class, according to Assistant Dean Durland, nine of the ten students having the highest grades in the senior class were members of Sigma Tau and the other one of the ten was a girl.

In the 1933 graduating class there were ten members of our chapter who were also members of Phi Kappi Phi, as follows: O. A. Harger, Harold Hickendorn, J. P. Long, Stuart R. Mudge, Donald Christy, L. A. Gore, J. W. Haupt, E. J. Peltier, and H. K. Tatum. In the 1934 graduating class there were eight members of Sigma Tau who were also members of Phi Kappa Phi, as follows: Clair Palmer, Vorras Elliott (who graduates this year), Donald Gentry, J. E. Veatch, George Pinter, Lloyd Scott, Hugh Maxwell, Hal Poole, and Burl Zimmerman.

Members of our chapter in the department of architecture have won the following honors during the past two years: O. S. Ekdahl, the American Institute of Architecture award for general excellence in architecture for 1932 and 1933; C. H. Black, the same award for 1933 and 1934. R. J. Alexander, the Alpha Rho Chi award for leadership and professional ability for 1932 and 1933. C. H. Black won prizes on art work entered at the Hutchinson State Fair and the Kansas Free Fair during both the 1932-33 and 1933-34 terms. Burl Zimmerman won the American Institute of Architecture award for general excellence in architectural engineering during the 1933-34 term. R. J. Alexander was president of the architects' Gargoyle Club during 1932-1933, and C. H. Black held the same office for 1933-34. R. J. Alexander was manager of Open House for 1932-33.

Members of our chapter in the departent of civil engineering have won the following awards during the past two years. The award of one year's paid membership in A.S.C.E. given each year to the senior having the highest scholastic average during his four years of college was won in 1933 by Eugene Peltier and in 1934 by Donald Gentry. The following men have been presidents of our student chapter of the A.S.C.E.: Eugene Peltier, fall 1932-33; Dean Swift, fall 1933-34, and Harold Weathers, spring 1933-34.

The following Sigma Tau members won outstanding honors in the department of electrical engineering: S. R. Mudge won both the junior and senior medal for being the most outstanding electrical engineer, and Clair Palmer received the same awards. Both these men were offered student engineering courses by General Elctric Company upon graduation. Clair Palmer was cadet colonel of the R.O.T.C. at Kansas State, and business manager of the Kansas State Engineer. S. R. Mudge was president of the Engineering Association during 1932-33. Hal W. Poole received the senior award for being the second outstanding sudent in the department during 1933-34, and he was also offered a student engineering course by General Electric Company. The following were chairmen of the student chapter of the A.I.E.E.: S. R. Mudge, 1932-33, Clair Palmer, 1932-33, and Hal W. Poole, 1933-34.

The following members of Sigma Tau in the department of mechanical engineering won outstanding honors: Vorras Elliott, 1933-34; Russell Smith,

1932-33; and Lynn Gore, 1932-33, were chairmen of the student chapter of the A. S. M. E. Vorras Elliott is editor of the Kansas State Engineer this year, president of Steel Ring for 1934-35, manager of Open House, 1933-34, and president of the college band during 1932-33. He was also offered a student engineering course at General Electric.

There are no student awards in the departments of chemical and agricultural engineering at our institution. J. Emery Veatch was president of the agricultural engineering seminar during the spring, 1932-33. Paul Warner was president of the chemical engineer seminar during the spring, 1932-33.

We have no chapter record as to the professional advancements which alumni members of our chapter have received recently. As nearly as I can determine we have no record whatever concerning alumni members after they have graduated. C. A. Logan, an honorary member of our chapter, received a professional degree from Kansas State College in June, 1934.

During the past two years we have had the privilege of holding our meetings in a private room in the Manhattan Bible College. For the use of this room a donation of $20 was made for '32-33 and $25 for '33-34. We were unfortunate in that we will be unable to continue the use of the room for the coming year since an unusual enrollment at the Bible College made it necessary for them to have the use of the room. In all probability it will be necessary for us to secure a room in the Engineering Building this year in which to hold our meetings, which arrangement will not be so satisfactory as that of the private room.

It has always been the custom of our chapter to hold all meetings in the form and order given by the Ritual. At our meeting all bills and items of general interest are brought up and discussed. A great deal of the actual planning and investigating of the chapter is accomplished through the committee system, the recommendations of the committee being passed upon by the entire chapter in session. We ordinarily hold our meetings every other week, either on Tuesday or Thursday nights. Special meetings are called for urgent business and the initiations of members.

Due to a laxity in the attendance at meetings during the spring of 1933, an amendment on attendance requirements, which provided for a committee on delinquent attendance, was passed. The amendment on attendance requirements states that:

Sec. A. 1. In order to vote on new members, an active member must attend at least four meetings since the previous election of new members.

2. If an active member is absent from three consecutive regular meetings, he must pay the full price of his plate at the first banquet following his delinquencies.

3. An active member who does not attend at least one meeting other than initiation during the semester will be subject to expulsion.

Sec. B. 1. The committee on delinquent attendance shall be composed of the faculty advisor, the president of the chapter, and three additional active members in good standing who are to be elected by the chapter at the first regular meeting of the school year.

Sec. C. The duties of the committee are:

1. The committee shall meet each alternate month, and at any other time they deem necessary.

2. It shall be the duty of the committee to bring the charges against any delinquent member who is subject to expulsion.

3. The committee shall give the delinquent a fair trial with due consideration to reasonable excuses.

4. New initiates shall be informed at the time of their initiation of the existence of this clause in the by-laws.

The addition of the above amendment to the by-laws was quite satisfactory in bringing out the members to the meetings. A great part of our laxness in attendance comes during the latter part of the spring semester on the part of graduation seniors; the attendance of new members is entirely satisfactory except in one or two cases.

Epsilon chapter elects each year between thirty and thirty-five new members with eighteen to twenty ordinarily being elected the first semester. The carry-over of old members usually gives us a total of about fifty members. During the year 1932-33, the total membership was forty-seven, while during 1933-34, the total membership was fifty. In addition to the undergraduate members we had in 1933-34 two graduate members who attended meetings regularly.

We have continued to hold a mild "Hell Week" for pledges. Pledges are required to carry around their necks, on a piece of ribbon-wrapped rope, a four inch length of sixty-pound rail painted black with the letters Sigma Tau on each side. They are required to dress in old clothes with boots and boot pants. Each man is required to carry a roster with the names of all active, faculty, and alumni members available, and to secure the signature of each member. In addition, they are required to obtain a standard hickory paddle and engrave upon it in a workmanlike manner the letters Sigma Tau, the year of initiation, Kansas State, and their names. These paddles really make a very good momento of the occasion. Pledges are also required to carry a supply of peanuts, chewing gum, mints, and cigarettes to be dispensed freely to members.

Last year Epsilon Chapter decided to place more stress on the pledges' having a thorough knowledge of the constitution. To this end, each active member gave the student a few questions to answer on the constitution before signing his roster. Then to determine whether he knew his constitution or not, each pledge was given a written examination. Fifteen or twenty questions on the constitution were prepared, and it was required that he make an acceptable grade on this test before being initiated.

During the spring semester the pledges are required to do a large part of the work in decorating the gymnasium for the Engineers' Ball, which is a part of Engineers' Open House. Their labor in this connection is of great assistance to the Engineers' Ball committee of Open House.

In the matter of election of members, we use the black ball system. In conducting elections the names of all eligible students are read off, and if any one member wishes to vote on a student his name is checked. After going through the entire list we usually leave forty or fifty names to be voted on. We then go through the list, voting on each man in succession, with the ruling that a student receiving black balls in excess of a certain number previously set is disqualified. Those students receiving black balls below this number are brought up for discussion and again voted on, in some cases as many as three or four times. Ordinarily only four or five are elected upon the first ballot, and the election of the remainder entails much discussion. Members are asked not to allow personal grievances, which have no bearing on the student's eligibility for membership, interfere with their voting.

During the school year 1932-33, there were one hundred and eighty-seven seniors and one hundred and eighty-nine juniors enrolled in the division. A membership of forty-seven in our chapter was thirty-eight per cent of the total number of junior and senior students ranking in the upper third

in scholarship. During the 1933-34 term our membership of 50 was 45 per cent of the upper third of 176 seniors and 158 juniors.

Membership in our chapter certainly does serve as an incentive to better work on the part of the students who are members. We expect the members of our chapter to be outstanding in scholarship and leadership in the division. We have no ruling concerning the scholarship standing of elected members, but it is tacitly understood by all members that they are to do the best work that they possibly can, and that their scholarship standing must not be appreciably lowered. That we have attained this end is in a large manner borne out by the large percentage of engineering members of Phi Kappa Phi who are members of our chapter.

Concerning the matter of sociability, we have our annual smoker, our annual banquet, and especially our engineers' alloy. At the engineers alloy our members contact as many as possible of the members of the undergraduate body. At our annual smoker we contact all upperclassmen who are eligible for membership. The fact is constantly brought before the chapter that Sigma Tau men shall be well-liked on the campus. In our Engineering Open House program the members of our chapter work with the faculty, thereby promoting better cooperation and a measure of fellowship with faculty members. In the matter of the engineers' alloy, members of our chapter work with Steel Ring, and thereby develop a spirit of fellowship with a number of students whom we would not have a chance to know personally.

Our Engineers' Open House and our chapter meetings do much to develop the practicality of our members. We have very little resources with which to carry on our Open House work, and this handicap makes the presentation of really good exhibits quite a problem. Members of our chapter who are in charge of this work get a great deal of practical experience in model making, in decorations, and in the handling of a number of co-workers to the best advantage in a short time. The decoration of our gymnasium for the annual dance as a part of Open House is certainly a very practical problem since the building is in very poor condition. An example of our work in this connection can be taken from last year's dance, at which a huge shamrock, standing about twenty feet high and of about the same width, was constructed of wall board in sections and placed against the balcony of the gym. The rim of the shamrock was covered with glue, powdered glass, and white sand; the hollow center being filled with green tissue paper. Drapes were hung from the balcony around the entire interior of the gymnasium, including special drapes behind the shamrock. Green curtains used to cover the fence across the end of the stadium at football games were utilized for the wall drapes, and curtains from the stage in the auditorium were used behind the shamrock. Special lights were used to bring out the color scheme and hide the upper gymnasium walls as far as possible. It was a very presentable ballroom, receiving much favorable comment from those present. Our Open House presents many such problems as this.

In our meetings many problems of practical importance come up concerning the welfare of the chapter. By encouraging very general discussion of all of these problems, we believe that we are giving the members of our chapter something valuable in practicality. We also work in harmony with the staff of our student publication, the Kansas State Engineer, and encourage our members to take part in its edition. In this capacity we think that we can develop practicality in our members through their actually handling the finances and editing this publication.

The chief contributions which our chapter is making to Kansas State College are: First, through our Open House we advertise the engineering

division of the college; second, membership in our chapter is a goal which leads many students to put forth their best efforts in order to have a good scholastic standing and thereby be eligible for membership. The first contribution helps to keep up the student enrollment in the division and is thus a help in building up the ranking of the division and college. The second is a direct aid to the students in helping keep up our division's scholastic average, thus turning out better trained engineers.

Funds are collected from the new members upon initiation and by special assessments upon the members on rare occasions. Payments by new members are collected before initiation as provided for in the constitution. The local chapter initiation fee for each new member is $5.00. Last year, a special assessment of $.75 per member was made for the purpose of financing the dance following the spring banquet. We do not maintain any loan funds.

All bills must be approved by the chapter in session before being paid, a majority vote of the members present being necessary to approve the bill. The money is kept in the First National Bank, and all bills, upon approval, are paid with a check by the treasurer. In urgent cases where a bill must be paid, and it is not possible to bring the bill before the chapter in session, bills are paid upon the approval of the president and treasurer of the chapter, such approval being in the form of a written order. Such bills are presented, and a statement as to the reason of payment made at the next regular chapter session. The treasurer's books are audited at the end of each year.

The records of the chapter are complete except for any record of alumni members, and I have found them in good order.

In conclusion I would like to present the following for consideration:

1. In the case of students entering this college from another institution, the question has arisen as to how long these members should be in attendance at this institution before election to Sigma Tau. Should their grade average as to their ranking in the upper third be reckoned on the basis only of grades made in this college, or on the basis of grades made in this college and in the student's former college?

FRED J. BENSON,
President.

ZETA—OREGON STATE COLLEGE

There are two national honor fraternities in engineering on the Oregon State campus, Sigma Tau and Tau Beta Pi. In membership, the two groups overlap in many cases, however, as has been so forcibly brought to the attention of the members of Zeta Chapter by Brother J. C. Stevens, one of the founders of the organization, any duplication of effort is unwarranted and Sigma Tau has a definite function on any campus. The most fruitful activity of the Oregon State group has been the recognition of those men whose natural ability is outstanding and whose scholastic average is high. This is especially true of those students who have provided for their education by their own labors and whose time has been limited in attaining high scholastic standing.

There is a very evident desire on the part of engineering students to be recognized as probable members to Sigma Tau, this same desire being an incentive for better work, but even so, of late many desirable students

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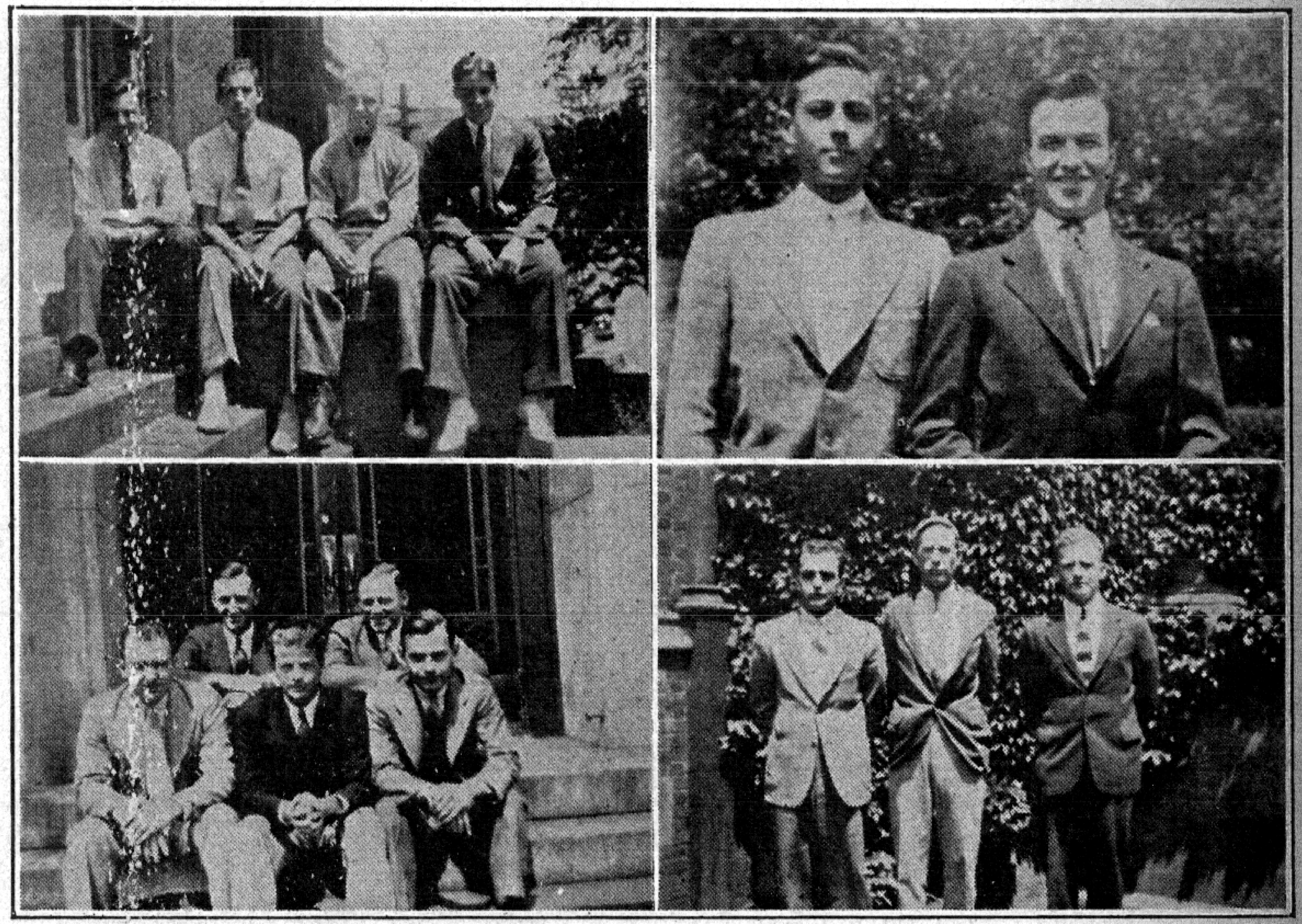


Upper Left—Mott, Fetter, Joy, Simmington.
Upper Right—Eckfeldt, Chance.
Lower Left—Herbste, Schuck, Weaver, Hoch, Mossel.
Lower Right—Startzman, Jansson, Medlar.

Spring elections have just been held and the new group of fellows taken in are fine examples of real Pennsylvania men. At present, Sigma Tau is well represented in Hexagon Senior Society, Undergraduate Council, Tau Beta Pi, Scabbard and Blade, Men About Towne, Pennsylvania Triangle. During the last week of school the chapter held its annual banquet in honor of the newly elected men.

The results of the spring elections for the 1935 term were as follows: President, C. Weaver; Vice President, E. Eckfeldt; Secretary, E. Ellwood; Treasurer, L. Medlar; Historian, C. Schuck.

January 1935

EPSILON CHAPTER

KANSAS STATE COLLEGE

The members of Epsilon Chapter of Sigma Tau feel a great need for a better acquaintance with our brothers in other schools. Since we can not all become personally acquainted, it is a fine thing to exchange ideas and tell of activities through the pages of *The Pyramid*.

Epsilon Chapter is the only national organization and is by far the most outstanding organization in the Engineering division. It is held in high regard by the engineering students and nearly all desire membership in its ranks. Many students value election to Sigma Tau above that of Phi Kappa Phi because such election recognizes the practical and social engineer as well as high scholarship.

Epsilon Chapter sponsors and participates in many activities during the school year. This year our chapter sponsored a Smoker for those students who were eligible to election. This Smoker was held shortly after school opened and afforded an opportunity to become better acquainted with the prospective members. During the second semester we combined with Steel Ring, local honorary engineering organization, in a mixer for the whole engineering student body. This mixer is quite appropriately called Engineers Alloy. Our Annual Banquet and dance was held April 20 and served as a formal farewell to the graduating members. Alumni members are invited to these functions and each active has the privilege of bringing one other couple to the dance. The banquet, as usual, was a stag dinner for members only.

Outside the social functions, our chapter was very active again this year at the annual Engineers Open House. Epsilon Chapter elects a secretary each year for Open House and he becomes manager for the next year. All the members are active workers and constitute about fifty per cent of the total committee members in all the departments. There were fifty-five committeemen for the affair. Brother Swift was manager this year and Brother Wherry will succeed him next year.

This year our Chapter was asked to sponsor the dance which is held the evening Open House closes. This dance is the annual St. Pat's Prom and gold rings were presented to the young man and lady who were crowned St. Pat and St. Patricia. This Prom is one of the outstanding all-school parties of the year and its success is a gratifying achievement for Sigma Tau. The committee, headed bv President Benson, deserves a great deal of credit for their splendid work.

To further scholastic attainment, Epsilon Chapter presents a gold, silver and bronze medal each year to the freshmen who rank first, second and third respectively, in scholarship for the year. The desire, which is felt by many underclassmen, to be elected to Sigma Tau is in itself a great incentive toward better work. Several members of Epsilon Chapter are on the staff of the Engineering publication, *The Kansas State Engineer*.

This has been a fruitful year for the members of our Chapter regarding honors. There were twenty new members initiated the first semester and twelve the second. At the close of the year we have fifty-five members, fourteen of whom will be back next year to carry on the work of the chapter. There were five active members this year who were taking graduate work and they were very helpful in the various activities. In the fall semester, three members were elected to Phi Kappa Phi; there being two others elected from the engineering division. In the second semester all but one of those elected to Phi Kappa Phi were Sigma Tau Members; that one being a young lady. During the year, of those elected in the engineering division, eighty per cent were members of our chapter.

Each year the college holds a special assembly as recognition day to those students who have received special honors. In looking over the list of those receiving honors, in the engineering division it looks like the secretary's roll book. Sigma Tau holds such a prominent place on the campus that election to this chapter is listed as one of the awards.

In the Architectural department, three members of our chapter won awards for excellence in Architecture, presented by the American Institute of Architects. One of these was awarded to Brother Winter, our past recording secretary.

In the Agricultural department, members of this chapter were prominent in the student chapter of American Society of Agricultural Engineers, making up one-fourth the total number of officers. Brother Hulburt was a candidate for a master's degree with highest scholastic standing.

In the Civil Engineering department, four of our brothers were outstanding. Brother Benson, our president for this year, received the award for highest senior scholarship, which is presented each year by the Kansas section, American Society of Civil Engineers. He was an officer in the student chapter of this society. Brother Swift was the cadet colonel of the R. O. T. C. and received the General Pershing Medal for the seventh corps area. This award carried with it a trip to Washington. Brothers Benson and Swift were both presented over the radio as outstanding engineering students. Brothers Chappell and Adams placed first and second respectively, in the civil service examinations for this section, held by the bureau of public roads.

Thirty-five per cent of the officers of the student chapter of the American Society of Civil Engineers were members of Epsilon Chapter as are also the president and treasurer for next semester.

Brother Sollenberger received a fellowship and started working toward his master's degree the second semester.

In the Electrical department, Brother Wherry received a medal for excellence in all work. In the student chapter of the American Institute of Electrical Engineers, fifty-five per cent of the officers were members of Sigma Tau. Brother Maxwell took graduate work in this department. He, with Brother Hulburt and Prof. L. V. White, our advisor, spent much effort in securing permission to place a Sigma Tau monument on the campus. We are pleased that the design, location and other arrangements have been accepted by the college and we will be able to construct this memorial next fall. In harmony with buildings on the campus, the monument will be made of native stone. The design embodies the pyramid, rail section, and eight-pointed star.

In the Mechanical Engineering department, fifteen per cent of the officers of the student chapter of American Society of Mechanical Engineers were members of Sigma Tau. Brother Churchill, of the department, was our very efficient treasurer this past year.

Brother Senti, Chemical Engineering, is a candidate for the Sigma Tau scholarship. There are no student awards in Chemical and Agricultural Engineering at this college.

Epsilon Chapter has no definite record of alumni but we feel that action should be taken next year to keep in closer touch with these members. We have held regular meetings, twice monthly, and several special meetings. Most of our meetings have been short, interesting, and confined to the business at hand. As usual, the pledges were given a written examination on the constitution. Members of Epsilon Chapter were active as officers of the general engineers association and Brother Swift was a member of the student council.

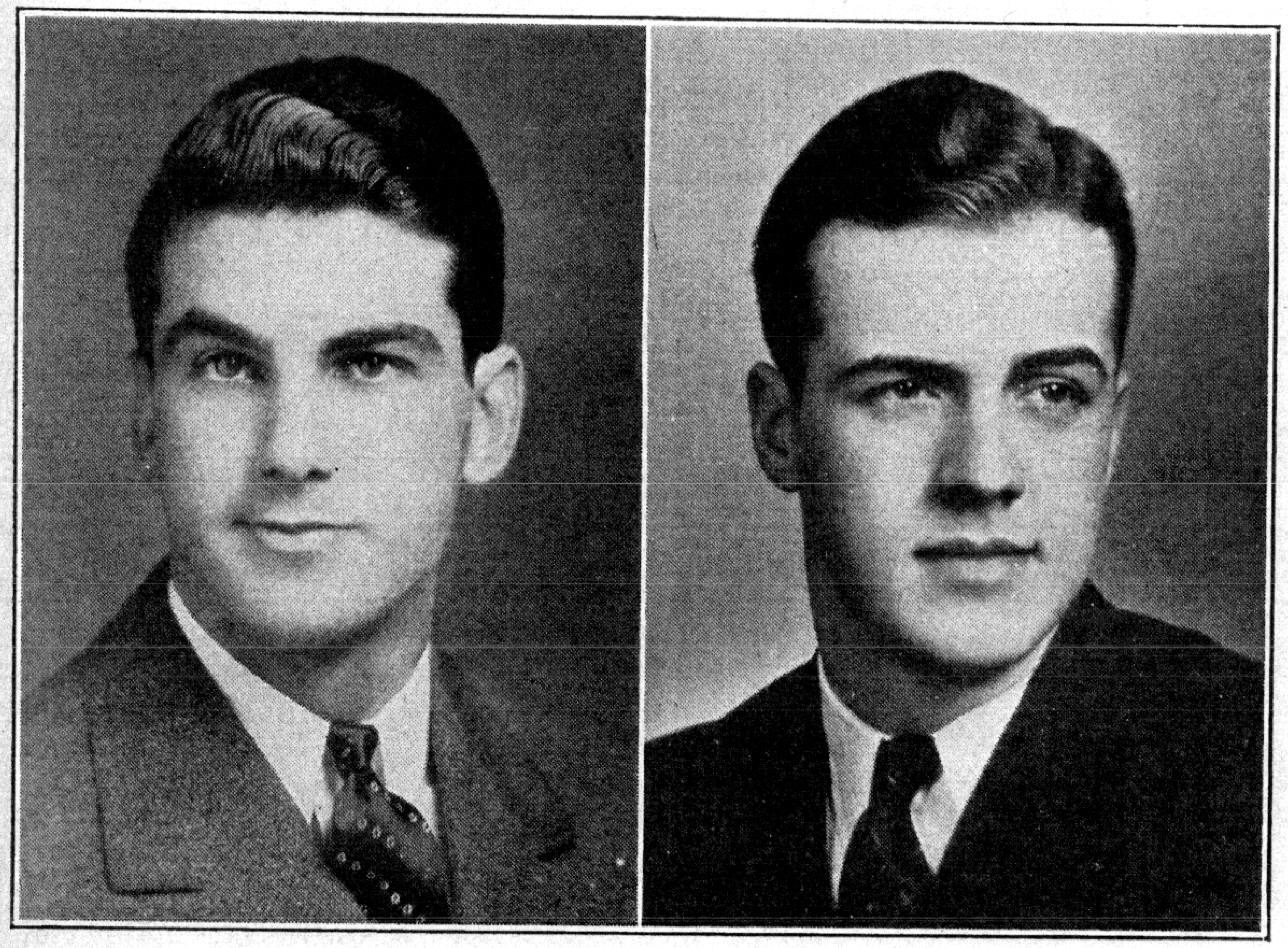
We did very well this year financially, and were able to sponsor or participate in several activities. The spring banquet and dance were financed by the treasury. The successful outcome of the St. Pat's Prom, due to good weather and good management, netted approximately two hundred dollars. Our chapter had $208.33 at the beginning of the year and $190.14 is left to begin next year.

L. M. Lovejoy,
President, Epsilon Chapter.

ZETA CHAPTER

OREGON STATE COLLEGE

Zeta Chapter of Sigma Tau is indeed fortunate in listing among its members the men holding the two highest student body offices at Oregon State. These two are Jack Graham, student body president for the coming year, and Sumner Alldredge, president of the Memorial Union (in reality, college social chairman) for next year. Both men have excellent scholastic records and have been very active in the student body and social activities all during their college careers. Graham is from Portland, Oregon, and Alldredge is from Berkeley, California. Incidentally, both men are registered in Civil Engineering.



Aldredge Graham

It is interesting to note that the man who received one of the Sigma Tau freshman awards for last year has been elected president of the junior class for the coming year. He is also a Civil Engineer.

The officers of Zeta Chapter for next year are: President, Ben Nutter; Vice President, Robert Edson; Recording Secretary, Frank Lucas; Treasurer, Fred Johnson; Corresponding Secretary, Arthur Durland; Historian, Perry Pratt; Chapter Adviser, Prof. George Gleeson.

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October 1936

EPSILON—KANSAS STATE COLLEGE

Under the capable leadership of Leonard Lovejoy, Epsilon Chapter of Sigma Tau has just completed a very successful year.

During the year we initiated thirty-four new men, giving us a very strong chapter with which to work, also a promise of a good send-off for next fall.

All of the engineering students eligible for election to Sigma Tau were invited to the annual Smoker which was held at the Community House on November 11th. R. A. Seaton, Dean of the Engineering Division, gave the main talk of the evening, the remainder of the program consisting of entertainment and refreshments. About 100 students and faculty members were present to enjoy the general get-together which was held after the program; this gave the Sigma Tau actives and prospective members a fine chance to get better acquainted with one another.

The annual Sigma Tau Spring Banquet was held May 1st, at Thompson Hall. Lieut. Col. J. S. Sullivan, Head of the Military Department, gave the main remarks of the evening. Short talks were also given by Bro. L. M. Lovejoy, outgoing President, and Prof. L. V. White, Chapter Adviser. The three Sigma Tau medals which are presented annually to outstanding sophomores for scholarship were presented this year at the spring banquet. Usually, the custom has been to present them in the annual "Recognition Day Assembly," but it was thought that a much better feeling of good-will and a more impressive presentation could be made by presenting them at the banquet. The gold medal was awarded to Aimison Jonnard with an average of 2.97 out of a possible 3.00. Immediately following the banquet, a dance was held in Recreation Center for all actives and alumni members of Sigma Tau. We are to lay plans early next year so that the banquet may be held at either the Wareham or Gillett Hotels.

As has been the custom for some three years, Sigma Tau this year elected from its own membership the Secretary of this year's Engineers' Open House. The man elected to this very important position was Bro. Paul K. Fanning, who will follow up his experience this year by acting as manager of this event in 1937. Fanning has proven that one can be a good engineer and still have time to be outstanding in athletics and other activities. Besides being one of the best tackles Kansas State has ever had on its varsity football team, he has broken several track records this spring; and, also, is a newly elected member of the Student Council for next year.

The Engineers' Open House this year, if you can judge by attendance, was the best ever held at Kansas State. Over 6,000 people passed the electric "eye" counter at the entrance.

St. Pat's Prom was held the evening of March 14th, the last day of Open House, and was under the management of Bro. L. M. Lovejoy. The dance was broadcast from 10:30 to 11:00 over KSAC, during which time St. Pat and St. Patricia, elected by popular engineering vote, were presented to the dancers. This year, Bro. Bill Mitchell received the honor of being St. Pat. I might also add that Brother Mitchell was editor of the *Intake and Exhaust*, an engineering scandal sheet which is published annually here at Kansas State.

Speaking of publications, the *Kansas State Engineer* was very ably handled the past year through the management of Bro. Francis Arnoldy, editor, and Tom C. Wherry as business manager. One new feature of the *Engineer* is a quarter page of Sigma Tau notes which are presented each month in an effort to keep the engineering students aware of the worth-while activities which Sigma Tau is carrying on.

The Kansas State R.O.T.C. unit, comprising approximately 1,500 men, gained a rating of "excellent" in this corps area for its efficient performance during the past year. Bro. Perry Wendell, who is slated as Corresponding Secretary, was the student highest in command, being colonel of the entire unit. Brother Wendell and Bro. J. F. Gaumer, next year's Historian, were both on this year's rifle team, with Brother Gaumer being elected as the captain of the team for next year.

The Engineering Association at Kansas State is the group of five engineers, elective by student vote, who act as the coordinating and unifying group among the engineering organizations. Their election was held in the last month of school, with Sigma Tau men claiming four out of five available offices. Those gaining office were Brothers Fanning, Steele, Noble, Mariner; Brother Steele was elected President.

During the past year, ten engineers, eight of them Sigma Tau members, were elected to Phi Kappa Phi, which takes only the upper 10 per cent in scholarship. In competition with other schools, Bro. Tom Skinner presented a paper, "What is Heat?" at the Kansas City A.S.M.E. meeting on March 27th. This paper won second place out of the fifteen presented. Brother Skinner is now at Schenectady where he has a job with General Electric.

Professor Pearce, Head of the Machine Design Department, has been given a fellowship in engineering research at Cornell University next year, where his work will be confined to machine dynamics and aerodynamics.

Perhaps too much has been said in this letter of the activities of the individuals rather than of the chapter as a whole. The organization, I believe, generally tends to keep up the morale of the engineering division here at Kansas State by sponsoring worth-while activities, and then carrying them through to a successful conclusion.

MAX L. LYON,
President Epsilon Chapter.

ZETA—OREGON STATE COLLEGE

The *Oregon State College Barometer* reports the acceptance of a new pledging plan for honorary and professional organizations: "Questionnaires were sent to members of the senior class, alumni, and faculty members in an attempt to determine popular opinion and how pledging to honor societies on the campus is conducted.

"Points of the plan as proposed are: (1) Two invitation periods of ten days each will be established, during which invitations to join honor and professional societies must be announced or issued and acceptances or rejections filed. (2) Announcements of the students invited to join the various organizations before or after invitation will be left optional with the individual organizations, as at present. (3) Lists of all students to whom invitations are to be issued must be submitted to a designated institutional agency, such as the Dean of men's office, on the opening day of the period. (4) Candidates will file their acceptances or rejections in duplicate or uniform cards, to be provided for that purpose, with the designated institutional agency on or before the closing day of the ten-day period. (5) Pledging of students during summer school will be carried on as in the past and will not be controlled by these regulations."

The officers of Zeta Chapter for the new year are as follows:

Other members are Robert V. Dorwart, John D. Gill, Jr., William Kurlish, Carl A. Odening, Milton W. Rosen, Carl D. Buchholz, and S. Jackson Wilkins. Prof. William S. Pardoe of the Civil Engineering Department continues as Chapter Adviser.

Last year was a very successful one for Gamma, and with a particularly active and spirited group of members to carry on, the chapter looks forward to continued success in the future.

In the most recent issue of THE PYRAMID, the accomplishments of both the chapter as a whole and of the individual members were cited, and the writer refers the group to that publication in this matter. In addition, since that report was submitted, the following Sigma Taus were elected to the Hexagon Senior Society, an honorary campus "hat" society which recognizes activities: Sellers, Dorwart, Gill, Smith, Kurlish, Odening, and Rosen. Don Herr has won recognition in his hobby of amateur radio, and by virtue of this was employed by R.C.A. during this past summer vacation.

Judging from the impressions that present members have of their freshman and sophomore years, it is the opinion of the chapter that the hope of membership in Sigma Tau serves as a real incentive to do good work on the part of undergraduate students at Penn.

Except for the annual Freshman Award, Gamma uses no other concrete methods of accomplishing the above, but it feels that, by selecting men for membership who command respect among their classmates, the incentive to aspire to Sigma Tau will be manifest.

Chapter meetings are held every two weeks, alternating a lunch-time meeting and a dinner meeting. Luncheon meetings are held in the Engineering Building; dinner meetings are held in a selected campus or downtown restaurant. Luncheon meetings consist of discussing business at hand, enlightening the chapter as to Fraternity affairs, and planning future activities. Dinner meetings are more informal in nature and include business matters only when necessary; often a person prominent in the University is invited to speak. Penny postals serve to inform members as to time and place of the next meeting only when these details have not been decided at the last previous meeting. No other prod is used to encourage attendance, nor does there seem to be the need for any.

No definite means is used by Gamma for developing its members along the lines of practicality, sociability, and scholarship, but it is the opinion of the writer that the inspiration of the fellow members plus the personal urge to live up to the honor of election to Sigma Tau serves this end as well as any means that could be devised.

It is my opinion that the incentives mentioned in previous paragraphs are the most outstanding contributions that Gamma makes to Penn, and, further, that they are likewise the outstanding service that any honorary fraternity such as Sigma Tau can offer. Important services also, of course, are the facts that recognition is given to those who live up to the ideals of Sigma Tau through the media of election to the Fraternity and of the Freshman Award.

Among the alumni of Gamma, Bob Bent, Ch.E. '35, has been promoted rapidly in his position with the Atlantic Refining Company; Ned Eckfeldt, Ch.E. '36, has been made an assistant instructor at the University and has now begun to work toward a Ph.D.; Ed Dreby, Ch.E. '36, won a graduate scholarship to Yale, where he too will seek a Ph.D.; Charlie Weaver and Merle Herbster, E.E. '36, are now with Westinghouse; Paul Startzman, M.E. '36, and Ev Elwood and Carl Schuck, E.E. '36, are with General Electric; Britt Chance, Chem. '35, remained active in Gamma last year and received his Master's degree from Penn in June.

At the close of school in June, approximately 43 per cent of the upper third of the junior-senior divisions of the Towne Scientific School and the Moore School of Electrical Engineering were members of Gamma. At present about 23 per cent are members. In making elections, first, a list of the students in the upper third of the junior and senior classes of these two schools is compiled, and a copy is submitted to each member of the chapter. Preliminary discussions of each candidate are held by the chapter. At the next regular meeting final selection is made. In the interim members are supposed to acquaint themselves with the various candidates and to choose those whom they wish to nominate. After nominations are made, each nominee is given careful consideration and finally voted upon separately.

No rules as to number of candidates accepted, rating within the upper third, or division among departments are followed. Each candidate is judged solely on his own merits. It was, for instance, a disappointment to the entire chapter that we felt free to elect only one M.E. in last year's spring election.

For discussion at the Conclave, Gamma presents the following:

(1) In what activities, other than those concerned with selecting new members and with making the Freshman Award, can chapters of Sigma Tau legitimately engage?

(2) What concrete steps can Sigma Tau take in order to inspire students in the institution to do better work, and to develop them along our ideals of practicality, sociability, and scholarship? Are such steps necessary, fruitful, or desirable.

Records of Gamma Chapter are complete and in good order. We have records of minutes, names of all previous members, a registration book in which members record their university history, and records of collections and disbursements dating back to 1924.

As far as the writer has been able to learn, no loan funds are maintained by Gamma. Funds are collected by the Treasurer. Five dollars chapter intiation fee is collected, in addition to the $12.50 collected for the National Secretary, and all expenses are met from this fee, no other dues being assessed. Bills are paid by check whenever possible, otherwise by currency. All money is handled by the Treasurer, who is the only member having access to the checking account with the office of First National Bank of Philadelphia located near the campus.

M. RITCHIE SMITH,
President of Gamma Chapter.

January 1937

EPSILON—KANSAS STATE COLLEGE

Sigma Tau at Kansas State College is highly respected by the faculty and officials of the colllege as a whole, because its projects and energies have been directed so as to be of value to the entire school rather than to a small group. During the past year, a limestone pyramid, built in harmony with all of the buildings on our campus, and located in a small island in the highway in front of the Engineering Building, was presented to the college by L. M. Lovejoy, President of Epsilon Chapter. This pyramid, the huge concrete K. S. built on the bluffs southeast of Manhattan, and other projects sponsored by the Epsilon Chapter of Sigma Tau, have gained for the Fraternity the good-will and support of the entire school. Moreover, the fact that Sigma Tau does not promote or support any political activities has kept our record clear of any of the small factional discords which arise so quickly during election periods. All engineering political activities at Kansas State are handled by Steel Ring, local honorary engineering fraternity, there being no other national honorary engineering fraternity.

The only new major project completed since the last Conclave was the limestone pyramid; however, several of our activities extend from year to year, and these are being continued. Among these activities are Engineers' Open House, originallly started by Sigma Tau. This event has grown during the years, until now the attendance at the two-day session is well over 6,000 people. Also St. Pat's Prom, a Sigma Tau function, but open to all engineers, is always held in Nichols Gymnasium on the last night of Open House and usually attracts about 300 couples. Engineers Alloy, an annual stag gathering of all the engineers on the hill, was originally sponsored by Steel Ring, but is now supported both by this group and Sigma Tau.

Quite a number of our members have been active in other extra-curricular activities. Among these men, we might mention: Brother Arnoldy, editor of the '35-'36 *K. S. Engineer;* Brother Wherry, business manager of the '35-'36 *K. S. Engineer,* manager of 1936 Open House; Brother Wendell, Colonel of the R.O.T.C. unit, comprising some 1,500 men; Brother Fanning, manager of 1937 Open House, varsity tackle, varsity track man, and member of the student council.

Membership in our chapter, I believe, serves as an incentive to do better work, because the members realize that they have been elected to membership because of their outstanding qualities, and they try to uphold the fine reputation of the Sigma Tau Fraternity, and the trust which Sigma Tau has placed in them. Not to be overlooked, also, is the fellowship, inspiration, and acquaintance with the other men in the chapter, for it is an inspiration to know that one is a fraternal brother to some of the finest student engineers which the college has to offer.

Epsilon Chapter strives to encourage scholarship among the freshman students by presenting scholarship medals each spring to the three sophomores who made the highest averages in their freshman year. Interest is stimulated at different times during the year in the Sigma Tau Scholarship which is offered annually.

The chapter meetings usually have free discussion of the general policy of Sigma Tau; planning of future activities; formation of projects which would be worth while to sponsor at the present or some future time; general business such as presentation of bills, etc.; and discussion of the progress being made on current activities. The meetings are held on the first and third Thursdays of each month in Nichols Gymnasium. The chapter room is a literary society room and has plush carpets, raised stage, draperies, and comfortable cushioned chairs, so it is an attractive room for the meetings.

If three unexcused absences are credited to any member, he must pay for his own plate at the Annual Spring Banquet, the chapter paying for the plates otherwise. A constant attempt is made to conduct the business as efficiently as possible so as not to hold the members an undue length of time. The Secretary sends a personal notice to each member at least two days before the meeting reminding him of the time, date, and the purpose of the meeting. Loyalty to Sigma Tau tends to keep up the attendance, and whenever possible, we try to give each member an active part in carrying out the program of the organization so that their interest will be held.

Through our smokers, banquet, spring dance, and other common interests, a great deal of compansionship is created among the members and fellow student engineers.

The most outstanding contribution our chapter has made, I feel, is not the fact that we have left a stone monument or a bronze plaque on the campus, but rather, that we have helped create among the engineers, generally, a certain intangible spirit of cooperation and good-will and a deep sense of pride and respect for their particular division.

Among the members graduating during the last two years, a few have gained honors and professional advancements which are worthy of mention: F. J. Benson, President '34-'35, fellowship to Texas A. & M. College, and he is now in the Materials Testing Laboratory at Purdue University; N. J. Sollenberger, fellowship in Applied Mechanics Department at Kansas State College; W. Creighton, Tunnel Inspector at the Fort Peck Dam; L. M. Lovejoy, President '35-'36, bridge construction, Kansas Highway Commission; Fred Senti, fellowship to Johns Hopkins University; Carl Chappell, Bureau of Public Roads, Little Rock, Arkansas.

Considering the entire year, the percentage of the total junior-senior, upper-third students who are members will be from 30 to 35 per cent.

At the meeting before election, names of all eligible students, with their scholastic averages, are presented to the chapter. Restricted discussion is held at which any member may discuss very briefly the qualifications of the candidates. At the election meeting two weeks following, the members request the names of the men they would like to have balloted. Open discussion is held again upon each man as he comes up for balloting. When all discussion of the candidate has been held, secret voting is held by means of playing card ballots, red to elect, black to reject. The entire list of names is run through in this manner. There are very few instances, if ever, when sufficient members are obtained on the first ballot, so the list is generally gone through once more. However, after the first ballot, the names usually considered are those with less than three "black balls", although a member may request a second ballot to be held upon any candidate. The discussion of the candidates, which may continue on any of the following ballots, is usually stopped at the discretion of the Sphinx. We usually try to take in about seventeen new members per semester. The only rating scale we have used in the last year has been statements from the heads of the different departments regarding the qualifications of the different men.

We try to adjust the number of E.E.'s, M.E.'s, etc., taken in each semester, so that we get about the same proportion from each department, considering the total enrollment in each.

Our records are complete and in good order.

Our funds are collected, and bills paid by the Treasurer. The bills, before being paid, must be presented in the meeting and upon motion duly passed; then the Secretary and President sign the order which authorizes the Treasurer to pay the bill.

MAX LYON,
President of Epsilon Chapter.

ZETA—OREGON STATE COLLEGE

The difficult years of the immediate past have not excepted honor fraternities, and Zeta Chapter of Sigma Tau on the Oregon State College campus has felt the full effect of the depression. The future appears to be much brighter than the immediate past, and this chapter enters the current biennium with a large measure of hope for success and well-being. In surmounting the difficulties of the past few years we believe that the organization on the Oregon State College campus has improved and developed.

There are thirty-five honorary and professional organizations at Oregon State, and the administration of the college has seen fit to survey these organizations for the purpose of determining the amount of money involved in the activities of the various groups, and the burden of this cost upon the students. It is pertinent to remark that the administration was

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Summer 1937

C. F. Duerr is a member of Tau Beta Pi, A.S.M.E. (chairman junior year), Men About Towne show and the Dean's List.

Gilbert Cain is president of the Senior Class, A.S.M.E., A.S.T.M. (award), Tau Beta Pi (treasurer), Dean's List and member of the Hey Day committee.

C. D. Buchholtz, Jr., member Tau Beta Pi, A.S.M.E., Dean's List and Lambda Chi Alpha social fraternity.

Donald L. Herr is president of the Moore School Council, Sigma Xi, Tau Beta Pi, Eta Kappa Nu, Pi Mu Epsilon, Delta Phi Alpha (honorary German society), Hexagon senior society, alumni editor of *Penn Triangle*, Moore School Staff, member of A.I.E.E., IRE and Radio Club.

William Kurlish was fullback on the varsity football team, member of the All Eastern Team. He also participated in track and boxing. He was a member of Moore Council and Sphinx senior society.

Carl Odening was president of Eta Kappa Mu, Hexagon senior society, Tau Beta Pi, Pi Mu Epsilon, on the staff of the *Record* and *Triangle*, vice-president of A.I.E.E. and member of Radio Club. He also made the 150-pound football team and was gymnasium manager.

Milton Rosen beside being Editor of the Moore School *Record* was a member of Hexagon senior society, Eta Kappa Nu, Tau Beta Pi, Pi Mu Epsilon and Moore School Council.

Arthur H. Sellers is the Senior Class president in the Moore School, member of Hexagon senior society, vice-president of Sigma Tau, treasurer of Eta Kappa Nu, Mach and Wig show, Men About Towne show and member of the Glee Club.

John Samter is vice-president of HKN, Pi Mu Epsilon, A.I.E.E., Moore School Council, president of junior class Moore School, member of freshman varsity basketball and baseball, Hexagon senior society.

Leon Bilk is president of HKN, member of Pi Mu Epsilon, Tau Beta Pi, A.I.E.E. and Moore School *Record*.

John Glenn is *Record Book* photographer, Alpha Xi Epsilon, and member of American Society for Testing Materials.

S. Jackson Wilkins is a member of Alpha Xi Epsilon, Tau Beta Pi and Pi Mu Epsilon.

John Gill is president of Tau Beta Pi, editor in chief of the *Penn Triangle*, president of the Zelosophical Society, member of Alpha Chi Sigma and Hexagon senior society.

Ritchie Smith is president of Sigma Tau, president of Men About Towne Club, business manager of *Penn Triangle*, treasurer of Alpha Chi Sigma and Hexagon senior society.

Evan Horning was president of the junior class, member of Alpha Xi Epsilon, Tau Beta Pi, Pi Mu Epsilon and Hexagon senior society.

Hesser Clapham is historian of Sigma Tau, recorder of Alpha Xi Epsilon and member A.I.Ch.E.

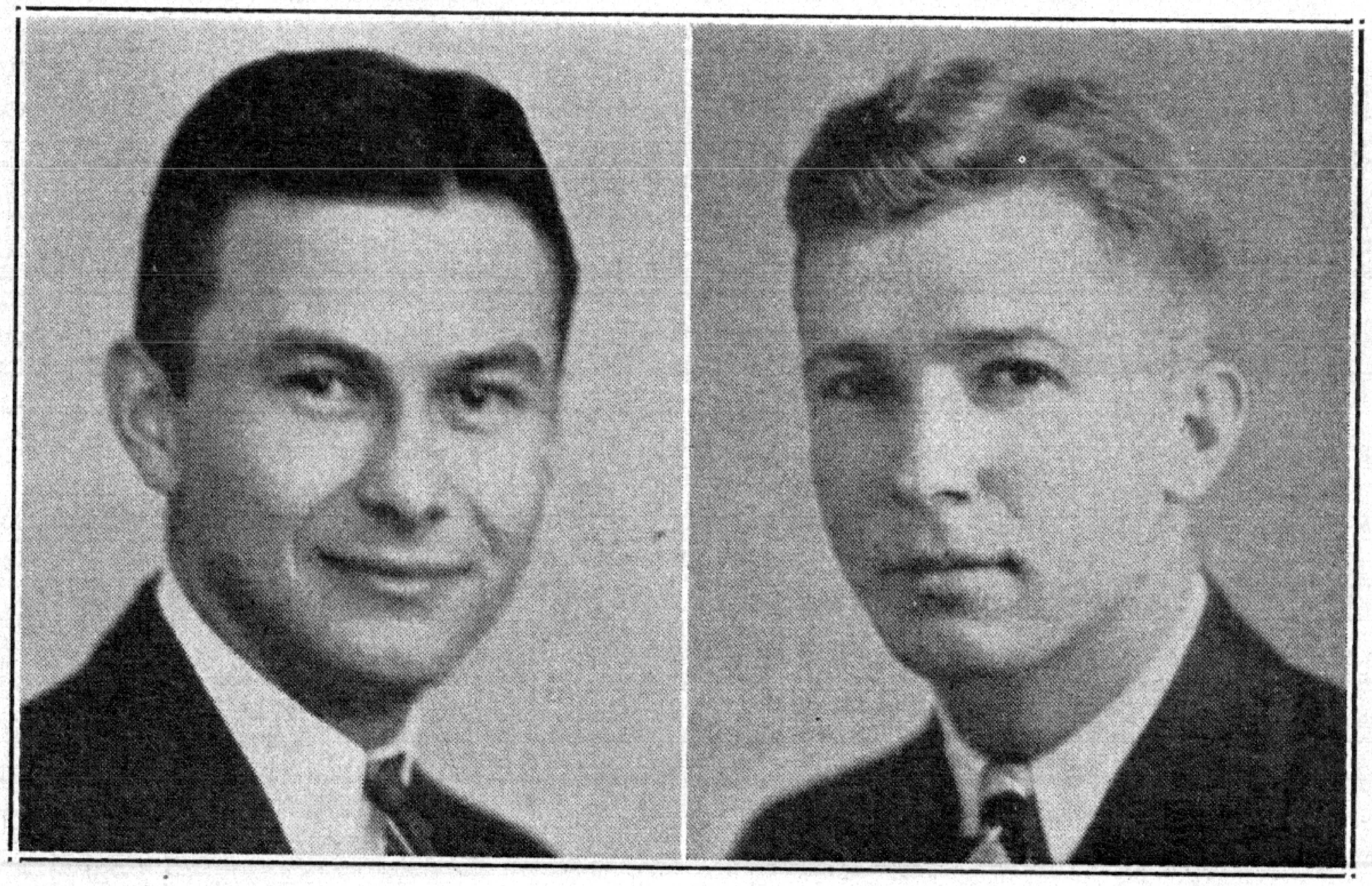
Ritchie Smith, George Culp and Bob Dowart are going to work for the Standard Oil Company of New Jersey. Hesser Clapham has a job with the Kimble Glass Company. Donald Herr has been awarded the General Electric's Coffin Scholarship. S. Jackson Wilkins won an industrial scholarship for a year's graduate work at the University of Pennsylvania. Evan Horning obtained an assistantship at the University of Illinois. Freddy Duerr is going to work for General Electric, while Milt Rosen puts his best foot forward for Westinghouse. Art Sellers will hang his hat at Philadelphia Electric while John Doering will be giving his all for Bethlehem Steel Corporation. Gil Cain is going to do graduate work at Pennsylvania.

George McCoy.

EPSILON—Kansas State College

Epsilon Chapter, established in 1912 at Kansas State College, is one of three honorary engineering organizations on the campus. We have about 900 students enrolled in engineering and choose for our membership junior and senior students who rank in the upper one-third, scholastically. Sigma Tau, in contrast to most of the other honorary organizations on our campus, does not let scholastic achievement be the deciding factor, but necessarily creates as prerequisites the qualities of leadership and sociality. Because of this fact membership in Sigma Tau is one of the most coveted honors available to students in the engineering division at Kansas State.

Epsilon's activities have always been directed so as to be of value to the entire school rather than to a small group. A limestone pyramid, built in harmony with all of the buildings on our campus, is located near the front of the Engineering Building; a huge concrete K S built on the bluffs southeast of Manhattan, and over eighty feet high; and various other projects have gained for the Fraternity the goodwill and support of the entire school. Moreover the fact that Sigma Tau does not promote or support any political activities has kept our record clear of any of the small factional discords which arise so quickly during election periods. Nevertheless two of our members have been elected to the Student Council, the student governing organization on the campus.



Lawrence Haller   Max Lyon

There have been no new projects contemplated for this year outside of repairs for the huge concrete K S letters and the Sigma Tau pyramid in front of the Engineering Building. Among the activities initially started by Sigma Tau, Engineers' Open House had its greatest success this Spring. Well over 6,000 people attended, and but for constant rain during the two

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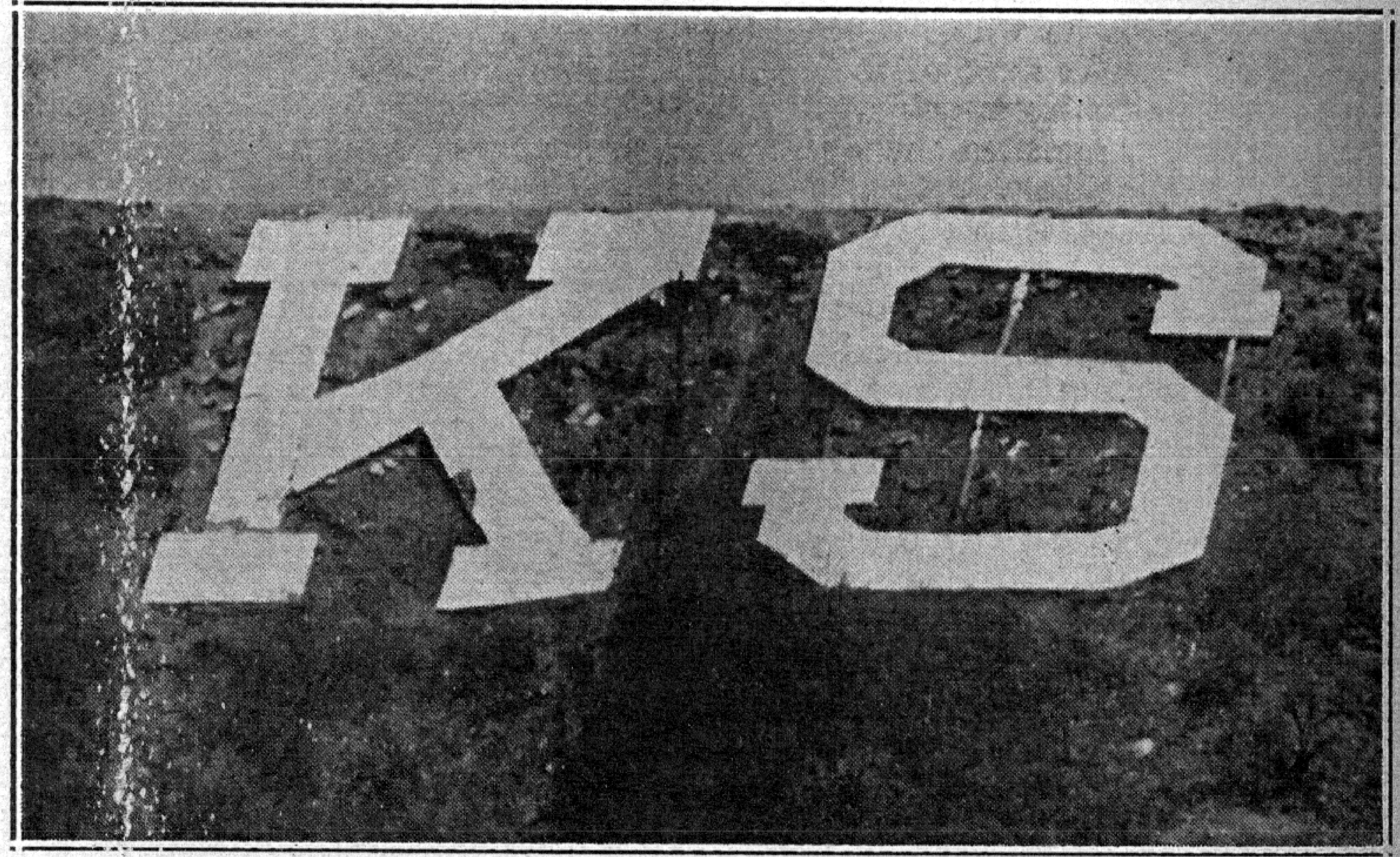
day period, over 10,000 people would have attended. St. Pat's Prom, a Sigma Tau function, also had its greatest success this last season, having over 500 couples in attendance.



This huge concrete "KS" faces northwest on a bluff, from which, legend tells us, Coronado once gazed some 400 years ago. Sigma Tau began construction of this impressive monument in 1921, on one of the massive bluffs which almost surround Manhattan. The "K" stood alone until several years later when the project was completed by the addition of the "S". Since then "K" hill has become one of the landmarks at Kansas State. It has been an annual job for our pledges to clean and paint these letters which are over 80 feet high. The "K" has begun to crack in several places due to erosion of the bluff, and we are planning extensive repairs for the coming year. Epsilon Chapter goes to considerable expense for the upkeep of this monument, but we feel that this has been one of our most noteworthy projects.

For the first time since the founding of Sigma Tau at Kansas State College, Epsilon Chapter was host to both the president and secretary-treasurer of the national council. Mr. Hedge and Mr. Sjogren traveled here from Lincoln, Nebraska, for the dual purpose of presenting honorary membership in the organization to Mr. George S. Knapp, chief engineer, Division of Water Resources for the State of Kansas, from Topeka, and to be present for the annual banquet of Epsilon Chapter.

Many of our members have been active in extra-curricular activities, the following is an attempt to list some of them. Brother Bateman, President, A.S.C.E.; Brother Angold, President, Kappa Eta Kappa, and also Chairman, A.I.E.E.; Brother Nielsen, who won A.S.M.E. prize for first place in talk presented in competition with ten men representing most of the colleges in this locality, also President, Delta Sigma Phi; Brother Myers, President, Alpha Kappa Lambda; Brother Gaumer, Captain of State

Rifle Team, received berth on second squad of 1936 All-American rifle team; Brother Rector, President, Kappa Eta Kappa; Brother Fanning, Manager Engineers' Open House, star in both football and track; Brother Kliewer, Vice-President, A.S.M.E.; Brother Mariner, Vice-President, A.S.C.E.; Brother Peery, Chief Engineer college broadcasting station, KSAC; Brother Steele, President, Engineering Association; Brother Lyon, Business Manager, *Kansas State Engineer;* Brother Haller, Vice-President, Student Council; and Brother Payne, Treasurer, Student Council.

Membership in our Chapter serves as an incentive to do better work, because the members realize that they have been elected to membership because of their outstanding qualities, and they try to uphold the fine reputation of the Sigma Tau Fraternity, and the trust which Sigma Tau has placed in them, personally. Not to be overlooked, also, is the fellowship, inspiration, and acquaintance with the other men in the Chapter, for it is an inspiration to know that one is a fraternal brother to some of the finest student engineers which the College has to offer.

Epsilon Chapter strives to encourage scholarship among the freshman students by presenting scholarship medals each spring to the three sophomores who made the highest averages in their freshman class. Interest is stimulated at different times during the year in the Sigma Tau scholarship which is offered annually.

The Chapter meetings usually have free discussion of the general policy of Sigma Tau; planning of future activities; formation of projects which would be worth while to sponsor at the present or some future time; general business such as presentation of bills, etc.; and discussion of the progress being made on current activities. The meetings are held on the first and third Thursdays of each month in Nichols Gymnasium. The Chapter room is a literary society room and has plush carpets, raised stage, draperies, and comfortable cushioned chairs, so it is an attractive room for the meetings.

Through our smokers, banquet, spring dance, and other common interests, a great deal of companionship is created among the members and fellow student engineers. One of the most outstanding contributions our Chapter has made, is not the fact that we have left a stone monument or a bronze plaque on the campus, but rather, that we have helped create among the engineers, generally, a certain intangible spirit of cooperation and good will and a deep sense of pride and respect for their particular division.

The following is a list of members of the 1936 class and the positions that they have now: Donald Bammes, U. S. Forestry Service, Architectural Division, Room 457, Post Office Building, Denver, Colorado. Wilbur Creighton, Tunnels Inspector on Fort Peck Dam Project, Barracks 3304, Fort Peck, Montana. Gene Danford, General Electric Co., Erie, Pa. Donald Garr, General Electric Co., Schenectady, N. Y. Francis Arnoldy, Southwestern Bell Telephone Co., Kansas City, Mo. Earle Kent, Armour Inst. of Tech., Chicago. Kenneth Sparrow, Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa. L. C. Aicher, Allis-Chalmers Mfg. Co., Milwaukee, Wis. Francis Brenner, Kansas Highway Department. Leonard Lovejoy, State Highway Department, Manhattan, Kansas. Eugene Lill, Phillips Petroleum Company, Bartlesville, Okla. R. F. Adams, Applied Mechanics Department, Kansas State College, Manhattan, Kans. Wesley Maranville, State Highway Department, Topeka, Kansas. Hal Eier, Rural Engineering, Kansas State College, Manhattan, Kansas. William Mitchell, Gulf Oil Corp., Seminole, Okla. John Moore, Oil Well Supply Co., Hutchinson, Kans. George Donecker, Caterpillar Company, Peoria, Ill.

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GAMMA—University of Pennsylvania

For more than a quarter of a century of continuous service at the University of Pennsylvania, Sigma Tau has stood and stands today with Tau Beta Pi as one of the two active undergraduate honorary fraternities in the engineering school.

Our membership now numbers twenty-seven, of which, fifteen will graduate this June, leaving twelve to carry on the work of the chapter next fall. The officers elected for next year are: President, Donald R. Walton; vice-president, John B. Butler; secretary, George J. Doll; treasurer, Charles A. Dahlke; historian, Stephen Angello. Other members who will be active next year are George McCoy, Ralph Showers, William Erwin, Edwin Williams, V. Tarzian, McQuaide, and Zahler. Professor William S. Pardoe of the Civil Engineering Department will again serve as chapter adviser.

Last year was a very successful one for Gamma, and with this incentive the chapter looks ahead for the future with high hopes for continued success. Recently Brothers Butler, Dahlke, and Showers were elected to Hexagon Senior Society, an honorary campus "hat" society which recognizes activities and service.

Chapter meetings are held every two weeks, alternating a lunch-time meeting and a dinner meeting. Luncheon meetings are held in the student activities room in the engineering building, while dinner meetings are held in a selected campus or downtown restaurant. Luncheon meetings consist of discussing business at hand, planning future activities, and enlightening the chapter as to fraternity affairs. Being more informal in nature, the dinner meetings include business matters only when necessary; often we have some person prominent in the university speak at the gathering. This year we were honored by the presence of Prof. McIlwain of the Moore School of Electrical Engineering, Prof. Gulick of the Mechanical Engineering Department, and Prof. Scholz of the Wharton School of Finance and Commerce. The latter gave a very interesting talk on "Money" and described some of his experiences in Russia when the ruble was by no means constant in value.

Penny postals serve to inform members as to time and place of the next meeting only when these details have not been decided at the previous meeting. No other prod is used to encourage attendance, nor does there seem to be the need for any.

The members of Sigma Tau form the backbone for almost all of the active groups about the engineering school. Richard P. Leedon, retiring editor of *The Triangle*, is confident that Charles A. Dahlke can fill his shoes. J. Butler finds time to edit the *Moore School Record* and win the lightweight boxing championship of the University. Bill Erwin is president of the local chapter of Alpha Chi Sigma and has been elected to Tau Beta Pi. Stephen Angello is president of the University of Pennsylvania chapter of Tau Beta Pi, a member of Pi Mu Epsilon (the honorary mathematics fraternity), vice-chairman of the A.I.E.E. and won the Sigma Tau award when a freshman.

Outstanding among the alumini is Donald Herr who was awarded the coveted Tau Beta Pi Fellowship to M. I. T. Perhaps you remember Don as secretary of Gamma in 1937. George Bodamer, '38, will continue study at Cornell, while J. Leslie Quigley will work in the design and development department of the Eastman Kodak Company.

The examples cited above are just a few instances among many. The list has purposely been slashed so as not to bore the readers of the Pyramid with a long series of names. However, we of Gamma trust that it has served its purpose in showing that here at Pennsylvania Sigma Tau continues to be a vital force in undergraduate and alumni activities.

George McCoy,
President of Gamma Chapter.

Summer 1938

EPSILON CHAPTER, KANSAS STATE COLLEGE
Back Row, *Left to Right*—Hammond, McKinley, Ewing, Bock, Hanson, Hayes, Sutherland, Schumacher, Lindgren, Van Doren, Young.
Front Row, *Left to Right*—Hefty, Culbertson, Jehlek, Pieffer, Brown, Sieg, Sigley, Stover, Mackey.

EPSILON—Kansas State College

The first important highlight of the year in the College of Engineering was the change from the division of engineering to that of division of engineering and architecture, recognizing the increased enrollment and importance of the architecture and architectural engineering courses. The engineers moved into second place in enrollment by divisions, only being surpassed by the division of general science.

The highlight of any year at Kansas State is the engineers' open house. This proved better than its past performances with a larger attendance. Largely responsible for this was open house secretary, Clayton Matney, Sigma Tau, who was assisted by almost the entire chapter as the various members held other important positions in the open house organization. Crowning event of this St. Patrick's Day celebration was the St. Pat's Prom, sponsored by Sigma Tau, and featuring Fletcher Henderson and his orchestra. Success of the prom can well be attributed to past president, Lawrence Haller.

Late in the spring semester, the annual banquet was held under the excellent direction of Arthur Bock. Guests were National President Verne Hedge, National Secretary C. A. Sjogren, Lambda Chapter Advisor A. M. Ockerblad, and Lambda Chapter President John Robeson. The Sigma Tau freshman awards were presented to freshmen Robert G. Lake, Joseph J. Redmond and Robert L. Teeter, who rated first, second and third, respectively.

Sigma Tau was influentially well represented among the all-school honors this year as last year. Duane Jehlik and J. W. McKinley were elected to

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J. W. McKinley: Student Council; Mortar and Ball, president; Steel Ring; Dynamis; Phi Mu Epsilon.
John Mitcha: Mortar and Ball.
Howard Stover: Dynamis; Pi Mu Epsilon; Mathematics Club.
Dean Shepherd: A.S.M.E., treasurer; research on elasticity of concrete.
Woodrow B. Sigley: Steel Ring; Mortar and Ball; Pi Mu Epsilon; V.O.S.O. Council; Dynamis.

The following Sigma Tau men have finished school and have jobs:

Ted Barnes: Geophysical crew, Magnolia Petroleum Company, Houston, Texas.
Perry Arnold: Research department, Chicago Bridge and Iron Company, Chicago, Illinois.
Loyal Van Doren: Project engineer, soils conservation service, U.S.D.A., Spring Valley, Minnesota.
Ray Sollenberger: Fellowship in research, Dewey and Almey, Kansas State College.
Evan Watts: Geophysical crew, Magnolia Oil Company, Houston, Texas.
Eugene Watson: General Electric, Schenectady, New York.
Lawrence Haller: Kansas Power and Light Company, Manhattan Kansas.
Clayton Matney: General Electric, Schenectady, New York.
Charles Frick: American Rolling Mills, Middletown, Ohio.

ZETA—Oregon State College

Activity of the men of Zeta Chapter of Sigma Tau is largely manifest in the performances of the individual members during the last year. The chapter has also been active in holding breakfast and regular meetings, and boasts a large membership of men distinguished in the engineering school at Oregon State College.

The outstanding individual performance of a member of this Chapter of Sigma Tau was turned in by W. James Walsh, electrical engineering research fellow of the college engineering experiment station. Walsh's paper on "Heat Transfer Efficiency of Range Units" won the prize offered by the Portland section of the American Institute of Electrical Engineers, and later won the institute's national prize. The paper was recommended for publication by the A.I.E.E. committee on award of institute prizes, and printed by *Electric Engineering* magazine upon its release. Subsequently Walsh was awarded the W. Wesley Hicks research fellowship in electrical heating by the electrical engineering department of Stanford University. The stipend for $1000 is the most valuable offered by the department.

Victor S. Carson, also a member of Zeta Chapter, received from Stanford University the John Stewart Lowe fellowship valued at $600. He will begin work toward his Master's degree this fall as research assistant to Dr. F. E. Terman, executive head of the Stanford electrical engineering department, investigating special problems in radio communication.

Another member of Zeta Chapter, James Howland, received a $750 fellowship from Tau Beta Pi, engineering honorary. Howland was one of six chosen from 800 applicants, and he will study at Massachusetts Institute of Technology toward a Master's degree, with tuition paid by the Institute.

The other noteworthy award to a member of this chapter went to Alf Hundere, who was awarded a teaching assistantship at Yale University under Prof. S. W. Dudley. Hundere's advanced work will be in mechanical engineering.

Research work by members of the Oregon State chapter has brought several of them recognition from Sigma Xi, national scientific research honorary. James Walsh became a full member, having had his research paper published. Newly chosen associates also members of Sigma Tau, were Victor Carson, James Howland, Alf Hundere, Stanley Kelley, and Eliot Peck.

The silver medal awarded annually to the sophomore who as a freshman made the best scholastic record was awarded by the chapter this year to Donald Earle Morgan during the intermission of the engineers' dance, which is held each winter term on the main floor of the engineering laboratory building.

James Montgomery will be remembered by men from other chapters, as he represented Zeta Chapter at the national conclave one year ago. He is now employed by the General Electric Company in their Schenectady laboratories. Fred Rogers was elected to fill Montgomery's shoes as president this year, but when he was unable to return to college, the post was taken over by George Bennett, student in electrical engineering. Thomas Hayes was elected to fill the vacancy left in the vice-president's chair by Bennett.

The first initiation of the year saw 14 men chosen, as follows: Russell Revell, Harold Kidby, Lawrence DeLong, Frank Morgan, and William Wachter of the civil engineering department; George Cunningham, Leonard Klein and Donald Wimberly, students in mechanical engineering; Austin Angell, Reo Faus, Lee Wright, Robert Welty, and William Meyer from the electrical engineering department; and Gilbert Mickel, student in chemical engineering. At the initiation banquet, following formal ceremonies on the campus, the speaker was J. C. Stevens, consulting engineer of Portland, Oregon. Mr. Stevens had at that time just returned from Washington, D. C., where he had received the Norman medal, highest award of the American Society of Civil Engineers. He was one of the founders of Sigma Tau, writing most of the original ritual, and he presented a vivid account of the beginning of the fraternity.

Kenneth J. Smouse,
Secretary.
Lawrence M. DeLong,
Correspondent.

ETA—Washington State College

In keeping with the established custom of contributing something worth while to the Engineering College each year Eta Chapter contributes to an established fund which was created for the purpose of buying a motion picture projector for the engineering school at Washington State College. In this undertaking Eta Chapter is cooperating with several other organizations including the student branches of the several professional engineering societies in the school to keep the fund growing. Each semester the various groups make appropriate contributions toward the project. It is proposed that the projector be donated for the exclusive use of the technical societies during their weekly seminar periods.

The enclosed picture is a snapshot of the new members of the Eta Chapter taken immediately after their initiation April 24. Each is wearing the Pyramid and rail section which he was required to make as one of his pledge duties. For the two days preceding the initiation all pledges

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seem to be well balanced, that there has never been a marked preponderance of one department, nor an absence of another in the membership rolls, though at first glance this seems readily possible.

Chapter meetings are held every two weeks, usually alternating a short business meeting held in the Student Activities room in the Engineering Building, with a dinner meeting at a local restaurant. Of the two, the dinner meetings are the more informal, and usually we have a guest speaker—some prominent engineer or professor who can always give us some information which is helpful or worth while. Attendance at both sessions has been very good, with an occasional postcard being the only notice needed.

On the third floor of the Engineering Building, in a room marked Student Activities, rest the records of Gamma Chapter in two locked chests. A complete record of collections and disbursements, dating from 1924, is in the hands of our Treasurer, who alone has access to our account.

DONALD R. WALTON,
President of Gamma Chapter.

December 1938

EPSILON—KANSAS STATE COLLEGE

Kansas State College, home of Epsilon Chapter of Sigma Tau, was established in 1863. Originally it was organized as an agricultural school, but it was not long until the engineering division came into existence and became one of the most outstanding divisions of the school.

Sigma Tau is the only national honorary fraternity at Kansas State. The organization is highly respected by the faculty and officials as a whole, because its projects and energies are directed so as to be of benefit to the entire school, rather than to a small selected group. Last year there were 1,170 students enrolled in the engineering division; 472 of these were in the junior-senior classification, and approximately 155 were classified as eligible to Sigma Tau membership. These eligible members were invited to the annual fall smoker where the active members became acquainted with each individual. Out of this eligible group, 25 members were elected the first semester and 23 the second semester. There were 34 actives at the beginning of the year, making a total of 86 members for the entire year. This makes the number of actives approximately 17.4 per cent of the number of engineering students in the junior-senior classification. This year we have 32 members with which to start the year.

During the past two years the main projects undertaken were the repair of the huge concrete KS of the bluffs southeast of Manhattan; reconstruction of our limestone pyramid which was dedicated in 1935, and the direction and supervision of both the annual Engineers' Dances, better known as St. Pat's Prom. Fletcher Henderson furnished the entertainment for last year's Prom and it proved to be the highlight of the year with more than 500 couples attending. Success of this Prom can well be attributed to the past president, Brother Haller. The fact that Sigma Tau does not promote or support any political activities has kept our record clear of any of the small factional discords which arise so quickly during election periods. All engineering political activities at Kansas State are handled by Steel Ring, local honorary engineering fraternity.

Some of the accomplishments which our individual members have been accredited with are worthy of mention and are as follows: Brother McCord and Brother Heizer, cadet colonels of the R. O. T. C. unit; Brother Culbertson, winner of the 38th annual inter-society oratorical contest; Brother Fanning and Brother Matney, managers of the annual Engineers' Open House these past two years; Brother Wherry, editor of the *Kansas State Engineer,* student publication; and Brothers Haller, Payne, Wherry, McKinley and Jehlik, members of the Student Council. Many other incidents of importance took place but are too numerous to mention.

Membership in our chapter, I believe, serves as an incentive to do better work, because the members realize that they have been elected to membership because of their outstanding qualities, and they try to uphold the fine reputation of the Sigma Tau Fraternity and the trust that has been placed in them. Not to be overlooked, also, is the fellowship, inspiration and acquaintance with the other men in the chapter, for it is an inspiration to know that one is a fraternal brother to some of the finest student engineers which the college has to offer.

Epsilon Chapter strives to encourage scholarship among the freshman students by presenting scholarship medals each spring to the three sophomores who made the highest averages in their freshman year. Interest is stimulated at different times during the year in the Sigma Tau Scholarship which is offered annually.

The chapter meetings usually have free discussion of the general policy of Sigma Tau; planning of future activities; formation of projects which would be worth while to sponsor at the present or some future time; general business such as presentation of bills, etc., and discussion of the progress being made on current activities. The meetings are held on the first and third Thursdays of each month in Nichols Gymnasium. The chapter room is a literary society room and has plush carpets, raised stage, draperies and comfortable cushioned chairs, so it is an attractive room for the meetings.

If three unexcused absences are credited to any member, he must pay for his own plate at the Annual Spring Banquet, the chapter paying for the plates otherwise. A constant attempt is made to conduct the business as efficiently as possible so as not to hold the members an undue length of time. The Secretary sends a personal notice to each member at least two days before the meeting reminding him of the time, date and the purpose of the meeting. Loyalty to Sigma Tau tends to keep up the attendance, and whenever possible we try to give each member an active part in carrying out the program of the organization so that their interest will be held.

Through our smokers, banquet, spring dance and other common interests, a great deal of companionship is created among the members and fellow student engineers.

The most outstanding contribution our chapter has made, I feel, is the fact that we have helped create among the engineers, generally, a certain intangible spirit of cooperation and good-will and a deep sense of pride and respect for their particular division.

Among the members graduating during the last two years, a few have gained honors and professional advancements which are worthy of mention: Brother Barnes, geophysical crew, Magnolia Petroleum Company, Houston, Texas; Brother Arnold, research department, Chicago Bridge & Iron Company, Chicago, Illinois; Brother Sollenberger, fellowship in research, Dewey & Almey, Kansas State College; Brother O'Reilly, '34-'35, Award in Foundation's $200,000 program. Brother O'Reilly's work was judged worthy of award by a jury of 31 engineering authorities from leading universities and colleges.

At the meeting before election, names of all eligible students, with their scholastic averages, are presented to the chapter. Restricted discussion is held at which any member may discuss very briefly the qualifications of the candidates. At the election meeting two weeks following, the members request the names of the men they would like to have balloted. Open discussion is held again upon each man as he comes up for balloting. When all discussion of the candidate has been held, secret voting is held by means

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of playing card ballots, red to elect, black to reject. The entire list of names is run through in this manner. There are very few instances, if ever, when sufficient members are obtained on the first ballot, so the list is generally gone through once more. However, after the first ballot, the names usually considered are those with less than three "black balls", although a member may request a second ballot to be held upon any candidate. The discussion of the candidates, which may continue on any of the following ballots, is usually stopped at the discretion of the Sphinx. We usually try to take in about 20 new members per semester. The rating scale we use consists of statements from the heads of the different departments regarding the qualifications of the different men, and also to have the Dean of the engineering division approve all men before they are considered eligible.

We try to adjust the number of E.E.'s, M.E.'s., etc., taken in each semester so that we get about the same proportion from each department, considering the total enrollment in each.

Our records are complete and in good order.

Our funds are collected, and bills paid, by the Treasurer. The bills, before being paid, must be presented in the meeting and upon motion duly passed; then the Secretary and President sign the order which authorizes the Treasurer to pay the bill.

In closing, in behalf of my brothers from Epsilon Chapter, I wish to extend our appreciation to Iota Chapter for the hearty welcome we have received. Also I want to say that Epsilon Chapter cordially invites all of you to visit them whenever in or near Manhattan, Kansas.

DUANE JEHLIK,
President of Epsilon Chapter.

ZETA—OREGON STATE COLLEGE

Sigma Tau is one of three honorary societies in the School of Engineering at Oregon State College. One, Eta Kappa Nu, is for the electrical students only, while the other, Tau Beta Pi, is also a general engineering society. At the opening of the fall term we have nine student members, with fall pledging soon to take place. There are 12 Sigma Tau members on the faculty.

Being comparatively small, the Zeta Chapter is somewhat handicapped in undertaking projects. Our accomplishments lie mostly in cooperation with the other honoraries and the student branches of engineering societies. We aid in all undertakings of the engineering school and with the social and educational meetings of the students in engineering.

Sigma Tau members are held in esteem by non-member students, and their desire to become members tends to raise the scholarship of the engineering school. To serve as an incentive to do better work, our chapter presents the Sigma Tau Award to the freshman in engineering with the best scholastic record.

Chapter meetings are not held at regular intervals. Meetings are called whenever there is business to transact or when some notable person is visiting the campus. Business meetings are held in some classroom which is not being used at the time. Such meetings are usually called to prepare for initiation, or make arrangements for banquets and dinner meetings. Dinner meetings are held in a hotel banquet room when a guest has been invited to meet with us. All members are notified of meetings by mail. Postcards with the time, place and type of meeting are used. Our membership seems to respond to the notices without other persuasion.

Our members are required to prepare one ten-minute speech on some engineering subject. Social development is obtained in making preparations for and attending the Engineers' Annual Dance and the Engineers Bust. In the final analysis, we feel that the greatest contribution our chapter makes to the institution is rewarding the men who do good work in engineering. The honor is an incentive to better scholarship.

We keep no record of the alumni who are Sigma Tau members. However, we are usually informed on the activities of the members of the preceding two or three years. Alumni from the past two years have made excellent advancements and received notable honors. James Welch, '35, won first prize on a paper entered in national competition under the A. I. E. E. He is now taking graduate work for Ph.D. at Stanford. Other members received scholarship awards to various schools—Alf Hundere to Cornell, and James Howland to Harvard.

Zeta Chapter does not use the rating scale for the election of new members. We make elections in the following manner: A minimum grade point average for election is decided upon at the opening of the meeting. The names of all students in engineering who have the required grade point average are placed before the members for discussion. The candidates are discussed for social and personal qualifications, special emphasis being given to the candidate's prospects of becoming a professional engineer. Balloting follows, two dissenting votes being necessary to disqualify the candidate. We have no specifications as to numbers of M.E.'s, E.E.'s and C.E.'s to be taken in. Our membership includes 8 per cent of the upper one third of the junior-senior division

There is a general feeling on our campus that the cost of membership in an honorary society should be as low as possible. Our President, Dr. George W. Peavy, has been conspicuous in voicing this view and has been backed up by the standing faculty committee which deals with honorary societies. This general attitude is reflected in the initiation fees of the recently installed chapter of Sigma Xi, being placed at $2.

Our initiation fee in Sigma Tau is $17.50, of which $4 is retained by the local chapter. With this amount we have found a bank balance to be growing steadily, and we may consider this year reducing our initiation fee in spite of the fact that our competitors' fees are $22.50 and $25. Last year's increase in cost of the Key was absorbed by the chapter without increasing the initiation fee.

Records of Zeta Chapter are complete and in order. The Secretary has complete minutes of all meetings, and the records of membership and transactions is in a locked file.

G. LEE WRIGHT,
President of Zeta Chapter.

ETA—WASHINGTON STATE COLLEGE

Members of Eta Chapter meet on Wednesday evenings in the Mechanics Arts Building on the State College campus in Pullman, Washington. The numerous campus buildings are clustered on a hill overlooking the town.

Eta Chapter group, while small in numbers, is active in the various phases of college life. The majority of members find time to be entirely, or nearly so, self-supporting. The chapter, as a group, has erected a number of campus directories, conveniently located, to aid the newcomer in identifying the different buildings on the campus. It has erected two suitably inscribed drinking fountains, one in front of the library in E. A. Bryan Hall, and the other in front of the Mechanics Arts Building. A

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tinue their work in Sigma Tau as well as other organizations and activities about the campus in which our brothers have always taken a very active and leading part. Brother Clark is editor of the *Pennsylvania Triangle,* the well known and highly successful engineering and fine arts publication, and president of the student chapter of the American Institute of Chemical Engineers; Brother Pinkerton is president of the engineers' dramatic association, known as the "Men About Town Club", a member of the *Pennsylvania Triangle* staff, and was recently elected to Hexagon Senior Society; Brother Voss is the secretary of Hexagon Society, and rows in the Varsity Lightweight Crew. These are but a few of the activities of some of next year's members, but they serve to indicate the leadership of Sigma Taus in prominent University activities.

Chapter meetings have been held every two weeks, alternating a lunch-time meeting and a dinner meeting. Most of the business at hand and the planning of future activities is taken care of at the lunch-time meetings held in the Student Activities room of the engineering building. The dinner meetings are held in selected downtown restaurants and are much more informal in nature. We were fortunate in securing several prominent and interesting speakers for our dinner meetings this year. They included Professor Scholz of the Wharton School of Finance and Commerce, widely known economist; Dean Goff of the Towne School of Engineering; Professor Gulick of the Mechanical Engineering Department, and Professor Gettinger of the Wharton School. Meetings have been very enjoyable and very well attended.

Sigma Tau this year continued the practice of rewarding the student who, in the opinion of competent judges, has succeeded in devising, exhibiting and demonstrating the best exhibit in our annual "Engineering and Fine Arts Day." The award consists of a cash prize to the student and a plaque awarded for the year to the engineering department in which he is enrolled. The award this year was awarded to a mechanical engineering student for his exhibit of a pantagraph engraving machine, designed and constructed by himself. The award has resulted in better exhibits each year because of the competition and interest aroused.

Among the group graduating, two will be back with us next year. Stephen J. Angello and Ralph M. Showers have been awarded graduate fellowships to the Moore School of Electrical Engineering. Our retiring President, Donald R. Walton, Ch.E., and William H. Erwin, Ch.E., will be located with the Atlas

Powder Company next year. This past year's Secretary of the chapter, George J. Dole, M.E., has a position with the Standard Oil Company of New Jersey awaiting him upon graduation. Lewis Bernard McQuaide, M.E., has a job in the Ammonia Division of E. I. DuPont, Charleston, West Virginia. Wayne C. Astley, M.E., the past president of Hexagon Senior Society and the permanent class president of the graduate class of 1939 of the University of Pennsylvania, will take a position with the Philadelphia Electric Company. Verage Tarzian, E.E., has not as yet decided what he will do. Albert J. Baracket will be located with R.C.A. Manufacturing Company in Camden or New York. John B. Butler is traveling up to East Hartford, Connecticut, to take a position with the Hamilton Standard Propeller Company.

The past year has been a very active and fruitful one for Gamma Chapter, as it is hoped this brief report may indicate, and it will open to new life and activity in October of this year.

LESTER E. WHITE,
President of Gamma Chapter.

July 1939

EPSILON—KANSAS STATE COLLEGE

Each year the Engineering Division at Kansas State assumes a more responsible position of leadership in campus activities. Its enrollment is second only to that of the College of General Science.

Of interest to 12,000 campus visitors was the excellent Engineers' Open House under the management of Sphinx Duane Jehlik. Many of those who inspected the engineering exhibits acclaimed them to be the best yet displayed. Following Open House, the annual St. Pat's Prom, which was sponsored by Sigma Tau, and featured the famous sweet swing music of Anson Weeks' orchestra, gave the students the best and most colorful party of the year.

Another important project of general campus interest and sponsored solely by the Epsilon Chapter, has been the reconstruction of the letters "K S" on Prospect Hill, southeast of Manhattan, which is a landmark for Manhattan and the Kansas State College. The figures show the construction of the retaining wall, completely surrounding both letters, which will prevent erosion and any additional cracking of the letters.

These activities of the Epsilon Chapter of the past year have been carried on by eighty-four members under the leadership of Duane Jehlik, President; J. W. McKinley, Vice-President;

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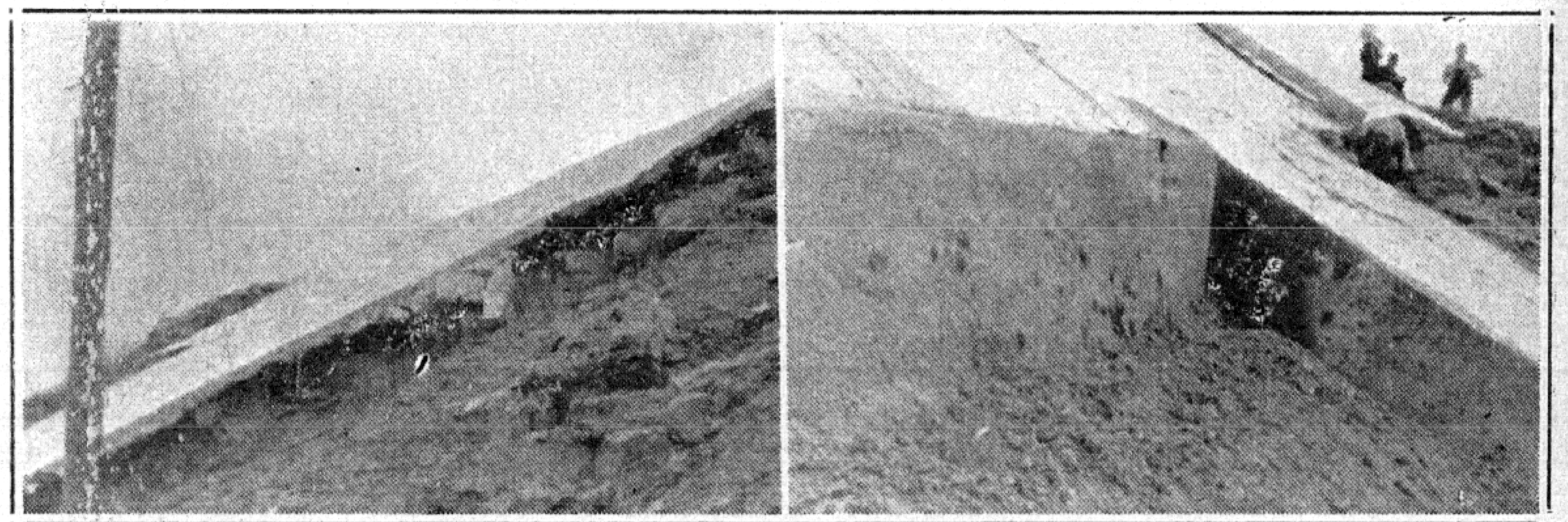
Walter Hanson, Secretary; John Young, Treasurer, and Paul Hefty, Historian. The officers to be on duty for the 1939-'40 session are J. J. Redmond, Bob Lake, Edward Sefcik, George Young and Morris Willis, in respective order.

New members this fall were: Carl Beyer, C. Wilson Blackburn, M. S. Dendurant, John Eppard, Dick Evenson, Garrett Gardner, Fred Gardner, Frank Hunter, William Keogh, Bob Lake, John McKenna, James Nixon, Bob Pyle, Joe Redmond, Ralph Samuelson, Ed Sefcik, James Stout, Art Thompson, George Vaught, Ed Wolfe, George Young and E. A. Ripperger.

Those elected this spring were: Clarence Abell, John Eyer, Jack Fuller, Gus Fairbanks, William Gordon, Roger Ghormely, Iden Krase, George Larson, Oliver Laurie, Wayne Lill, Robert Mueller, Manuel Morris, Ray Meisenheimer, Victor Piatt, Ivan Smith, Linn Swenson, Merle Shilling, Jim Stockman, Elmer Rollins, Harden Tubbs, Ralph Wahrenbrock, Charles Webb and Cliff Wilson.



BEFORE AFTER

EROSION CONTROL ON KANSAS STATE'S HUGE HILLSIDE LETTERS—K. S.

We are glad to announce the placement of our graduating Sigma Tau members in jobs beginning June 1, 1939.

G. N. Willis—National Geophysical Co., Dallas, Texas.
Howard Stover—Research Assistant, University of Illinois.
Wilfred Park—U. S. Marine Corps.
J. W. McKinley—U. S. Army.
W. J. Pfeffer—Geophysical work, Carter Oil Co., Tulsa, Okla.
John Pennington—Caterpillar Tractor Co., Peoria, Ill.
John Sutherland—Petroleum refining.
Robert Sieg—Grad. Assistant at Virginia Polytechnic Institute.
Art Bock—Fellowship at Virginia Polytechnic Institute.
Garrett Gardner—U. S. Army.
Ed Smith—General Electric Co.

Leroy Culbertson—Phillips Petroleum Co.
M. S. Dendurant—Pursue a Master's Degree.
Glenn Boes—U. S. Army Air Corps.
Jim Stout—Chrysler Institute of Engineering.
Grover Brown—Century Electric Co.
Woodrow Sigley—General Electric Co.

The activities of the underclassmen of the Epsilon Chapter are as follows:

Fred Gardner—Dynamis, Mortar and Ball treasurer, freshman Phi Kappa Phi recognition.

William Keogh—Pi Kappa Delta president, Steel Ring vice-president, Mortar and Ball, Newman Club, freshman Phi Kappa Phi recognition.

Robert Lake—*Kansas State Engineer,* Wesley Foundation, Manhattan Theatre lighting crew, Kappa Eta Kappa, Camera Club, Dynamis, freshman Phi Kappa Phi recognition, E.E. Junior Gold Medal.

Arthur Thompson—Steel Ring, A.S.A.E. president, Student Branch.

Jim Stockman—*Kansas State Engineer,* Student Council, Scabbard & Blade, Dynamis, Blue Key, Newman Club.

Carl Beyer—Newman Club.

Ralph Wahrenbrock—*Kansas State Engineer,* Steel Ring, Pi Tau Sigma, freshman Phi Kappa Phi recognition.

George Young—Glee Club, Scabbard and Blade, Kappa Sig.

James Nixon—Track, Phi Tau Theta, Pi Tau Sigma, Physics Club, A.S.M.E.

Gus Fairbanks—A.S.C.E. president, Steel Ring, Engineers' Council, Phi Kappa Phi freshman recognition.

Ray Meisenheimer—Chief Radio Engineer for KSAC, Eta Kappa Nu, Radio Club, Kappa Eta Kappa.

Charles Webb—Band, *Kansas State Engineer,* Hamilton Literary Society, Steel Ring, Phi Lambda Upsilon, sophomore honors, freshman Phi Kappa Phi recognition.

Joe Redmond—Secretary Engineers' Open House, Steel Ring, Mortar and Ball, Kappa Eta Kappa, Newman Club, Student Council, sophomore honors, freshman Phi Kappa Phi recognition.

Elmer Rollins—Phi Lambda Upsilon, sophomore honors, freshman Phi Kappa Phi recognition.

Victor Piatt—A.I.Ch.E.

Linn Swenson—Intramurals, Hamilton Literary Society, Kappa Eta Kappa, I.S.U., freshman Phi Kappa Phi recognition.

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Clarence Abell — College Band, Wrestling, *Kansas State Engineer.*

William Gordon—Radio Club, Eta Kappa Nu, I.S.U.

Jack Fuller—Alpha Phi Omega, Delta Sigma Phi, American Road Builders Association.

Manuel Morris—*Kansas State Engineer,* Gargoyle Club, French Club, Steel Ring.

Edward Sefcik—Band, A.S.M.E., Steel Ring, Mortar and Ball, Pi Tau Sigma.

Robert Mueller—Cheer Leader, Operetta, Madrigal Choir, Beta Theta Pi, Scarab, Scabbard and Blade, Alpha Phi Omega.

Dick Evenson—Band, Kappa Eta Kappa, Eta Kappa Nu, Scabbard and Blade.

Morris Willis—Steel Ring, Eta Kappa Nu, Mortar and Ball, freshman Phi Kappa Phi recognition.

John Mitcha—Glee Club, Mortar and Ball, A.S.M.E., Pi Tau Sigma.

Roger Ghormely—Intramurals, Radio Club, Eta Kappa Nu, Y.M.C.A., Steel Ring, Phi Alpha.

Al Ewing—Pi Mu Epsilon, A.I.E.E., Kappa Eta Kappa, Eta Kappa Nu.

C. Wilson Blackburn—Intramurals, A.I.E.E., Pi Mu Epsilon, Glee Club, Hamilton Literary Society, freshman Phi Kappa Phi recognition, president Lutheran Student Association, *Kansas State Engineer.*

C. W. Blackburn.

THETA—University of Illinois

Theta Chapter's all-engineering smokers, social meetings designed to build prestige and secure faculty cooperation with the society, were given twice this year, one each semester.

Prof. J. S. Crandell, Professor of Highway Engineering, spoke at the first-semester smoker, to which were invited all junior and senior engineers having an average above 4 points. Two restricted rushing smokers followed with a pledging period and formal initiation and banquet on December 12th. At this time presentation of the annual award to the sophomore in the College of Engineering with the highest academic average during his freshman year was made to J. M. Levey.

The second-semester initiation was held May 16th following a two weeks' pledge period. A banquet is not customary here during the second semester, but because there were thirteen initiates a banquet was held in connection with the initiation. Speaker of the evening was Prof. J. S. Crandell.

During the year meetings included other speakers: Prof. H. F. Moore, Research Professor of Engineering Materials; Prof. H. E. Babbitt, Professor of Sanitary Engineering; Prof. A. R. Knight, Professor of Electrical-Engineering; Prof. J. G. Vanderpool, Professor of Architecture, and others. The talks were not designed to cover engineering subjects wholly and many of the talks were on subjects entirely unrelated to engineering.

IOTA—University of Colorado

Sigma Tau at the University of Colorado is recognized as one of the outstanding honorary fraternities. This reputation has been built up through the twenty-five years it has been on the campus, and it has only been through careful and considerate pledging that we have been able to maintain our high standards consistently.

The members of Sigma Tau play an important part in campus activities, not only in the engineering school, but also in the University. This year the president of the Associated Students of the University of Colorado was a member of Iota Chapter. He was elected most popular man of the senior class, was a member of the track team, and held many other offices. A Sigma Tau was given the Colorado Engineering Council award for being the most outstanding senior engineer. For the coming year, all the offices of the engineering student body are held by Sigma Tau members. The editor and business manager for the coming year of the *Colorado Engineer,* official engineering publication, are members of Iota Chapter. The majority of the presidents of other engineering honoraries are also Sigma Taus. Fully three-fourths of the Sigma Tau members are also members of Tau Beta Pi. Every year the engineering school undertakes three large and well organized functions, one each quarter. In the fall is the "Applefest", a smoker for the student body and faculty. Winter quarter sees the Engineers' Ball, which rivals the Junior Prom as one of the best dances of the year. During the spring quarter we have Engineers' Day, a day when all the laboratories are open for inspection. All these are invariably handled indirectly by Sigma Taus.

Fall pledging, which was done at the "Applefest" as usual, was

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GAMMA—UNIVERSITY OF PENNSYLVANIA

The University of Pennsylvania is in the midst of its Bicentennial celebration and Sigma Tau is doing all that it can to make this, our Alma Mater's banner year, highly successful. Here at Penn we are reaping the benefits of 200 years of educational progress and certainly hope that Sigma Tau can some day look back on 200 years of achievement also.

No real change has taken place here at Penn in the last year, except that we have recently completed an atom smasher which is being used by the physics department.

During the past season the Gamma Chapter has held monthly dinner meetings at local restaurants which have served to promote fellowship and goodwill. At these meetings prominent members of the faculty were our guests and passed on to us words of wisdom and bits of humor, making the evenings spent with Sigma Tau valuable and entertaining.

There are 21 graduating seniors this year, leaving us a potential active chapter of 16 members next year. Most of our graduating brothers have secured positions and we wish them the best of luck in the field of industry.

Robert Mayer of this year's class has been honored with an associate membership in Sigma Xi. Several other men have received local and national scholastic honors.

The Men About Towne Club, the local engineers' dramatic organization, presented a highly successful musical show, "Idol Dreams", in May, in which several Sigma Taus participated. The terpsichorean efforts of our brothers in the dancing chorus was amusing and well done. Gordon Pinkerton, one of our brothers, served as president of the club for the past year.

Sigma Tau has among its ranks here at Penn last year's editor and his successor for next year of the *Pennsylvania Triangle,* a nationally known student engineering publication. Fred Clark served in this capacity throughout the last year and will be succeeded by Mervin Sluizer.

John F. Koch, Jr., is next year's President. He has been active on the campus, being also student chairman of the A. I. E. E. next year, secretary of Eta Kappa Nu, and vice-president of the Men About Towne Club. Horace Hill was elected Vice-President and is a member of Hexagon Senior Society, along with Roymond Brandau, our next Treasurer. William S. Logan III is the Secretary of the chapter for next year. Bill is also on the editorial staff of the *Triangle* and holds an office in Alpha Chi Sigma, a chemical fraternity. Rollin Foster, a civil engineer, is the new chapter Historian.

We have many plans under consideration for the betterment of the chapter and are looking forward to a banner year.

We would like to take this opportunity to pass on to Sigma Taus throughout the country, especially our own alumnae, greetings and best wishes from the Gamma Chapter.

Next October we start a new year with all hopes of carrying on in the Sigma Tau tradition at Penn, which is a long and eventful one, and we have much to live up to in furthering our Fraternity and Pennsylvania.

JOHN F. KOCH, JR.,
President of Gamma Chapter.

Summer 1940

EPSILON—KANSAS STATE COLLEGE

The National Conclave is to be held next September at Manhattan, Kansas, the home of Epsilon Chapter, at Kansas State College. The members of the Epsilon Chapter wish to extend a most cordial invitation to all

chapters to attend the Conclave. Already a great deal of work has been done in the hope of making the meetings entirely successful. We believe that we cannot only offer delegates an interesting time, but one which will be entertaining.

The Epsilon Chapter has again led the engineering division's activities. The fall semester was begun with the annual Sigma Tau smoker. All engineers eligible for membership were invited. From those who attended the smoker, 24 were elected and initiated into the Epsilon Chapter. During the spring semester, 19 pledges were installed into active membership.

This year 14,000 people visited the annual Engineers' Open House, which was under the management of Sphinx Joe Redmond. The Open House was concluded with St. Pat's Prom, sponsored by Sigma Tau, and featuring Joe Venuti's orchestra and his famous violin.

Kenneth K. Bowman, an alumnus of the Epsilon Chapter, this year was awarded the highest honor the General Electric Company confers on its employees. This honor was the Charles A. Coffin Foundation award, given by the company to those employees "who achieve greatly in the performance of their duties and furtherance of the electrical industry."

All of the many activities were carried out under the following officers: Joseph Redmond, President; Bob Lake, Vice-President; Bob Pyle, Corresponding Secretary; Edward Sefcik, Recording Secretary; Charles Webb, Treasurer, and Morris Willis, Historian. The officers for the coming year are William Keogh, President; Victor Mellquist, Vice-President; Bert Sells, Recording Secretary; Garland Childers, Corresponding Secretary; Bob Washburn, Treasurer; Fred Eyestone, Historian.

Among the articles written by members of the Epsilon Chapter are the following which appeared in the *Kansas State Engineer:* "Strides of Catalysis", Carrol Owensby, Ch.E. '40; "Wheat Storage", Gus Fairbanks, Ag.E. '40; "Bridge Ahoy", Jack Fuller, C.E. '40, and "D.C. Transmission", Fred Eyestone, E.E. 40.

The following is a list of honors received and offices held by members of Epsilon Chapter:

Dynamis Club (All-School Honorary Society)—Vice-president; three members.

American Institute of Electrical Engineering (Student Branch)—Corresponding secretary; treasurer; chairman; recording secretary.

Phi Lambda Upsilon (Honorary Chemical)—President; president-elect; vice-president; secretary; five members.

Presbyterian-Christian Endeavor—Two cabinet members.

Phi Sigma Kappa (Social Fraternity)—President.

Eta Kappa Nu (Honorary Electrical Engineering Society)—President; vice-president; corresponding secretary; recording secretary; treasurer; 10 members.

Steel Ring (Engineering Honorary)—President-elect; vice-president; secretary; marshal; 12 members.

Engineers Open House—Three committee chairmen; secretary; manager; publicity tour chairman.

American Institute of Chemical Engineers (Student Branch)—President; vice-president; treasurer; Chapter Scholarship award.

Engineering Councel—Seven members or members-elect.

American Society of Mechanical Engineering (Student Branch)—Chairman; Senior award; secretary.

Mortar and Ball (Honorary R. O. T. C. Artillery)—Treasurer; seven members.

Student Council—Three members.

Pi Mu Epsilon (Honorary Mathematics Society)—Vice-president; vice-chairman; nine members.

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Mathematics Club—President.
Radio Club—President.
Electrical Engineering Faculty Gold Medal.
Electrical Engineering Faculty Scholarship.
Electrical Engineering Senior award.
Phi Kappa Phi—Six members.
Pi Tau Sigma (Honorary Mechanical Engineering)—President; president-elect; vice-president; vice-president-elect; secretary; treasurer; six members.
Kansas State Engineer—Editor; four staff members.
Blue Key (Senior Men's Honorary)—Three members.
Who's Who in American Colleges and Universities—Two.
Sigma Xi—One member.
Alpha Phi Omega (National Scouting Fraternity)—One member.
Scabbard and Blade (Honorary R. O. T. C. Infantry)—Five members.
Mechanical Engineering Seminar—Vice-president.
American Society of Mechanical Engineers (Student Branch)—President; vice-president; secretary.
American Society of Civil Engineers (Student Branch)—Secretary.
Alpha Rho Chi Medal in Architecture.
Phi Kappa (Social Fraternity)—President.
Newman Club—President.
Student Board of Publications—One member.
Flying Wildcats—One member.
Agriculture Engineering Seminar—President.
Senior Men's Pan-Hellenic—President.
American Boad Builders Association—President.
Alpha Kappa Lambda (Social Fraternity)—President.

ZETA—Oregon State College

Aside from the regular meetings and smokers this year, Zeta Chapter of Sigma Tau was instrumental in arranging for Dr. T. Z. Koo to speak before the engineering school here at Oregon State College. The title of his lecture was "Engineering Projects in China". His talk largely concerned man's relationships to the material things he creates with his hands and mind.

As is its custom every year, this chapter presents an award to the outstanding engineering student enrolled as a freshman. This year the chapter presented the award to Robert West Lundeen, who is enrolled in chemical engineering.

The following is a partial list of the activities of the members of Zeta Chapter:

Lee Wells—Manager of the R. O. T. C. Cadet band, member of Kappa Kappa Psi, Eta Kappa Nu, and debate manager.

Chester Elston—Manager of the circulation department of *Oregon State Technical Record,* secretary of the A. S. M. E.

Douglas Marsden—Member of Eta Kappa Nu, and assistant editor for the *Electrical Discharge.*

Frank Wells—Treasurer A. I. Ch. E., secretary A. C. S., and treasurer of Kappa Kappa Psi.

Bob Johnson—Committee for the A. I. Ch. E. convention.

Lewis Coplen—Manager of Alpha Chi Rho.

Dave Holmlund—Intermural handball champion.

Lewis Hodes—Won second prize in the A. S. M. E. contest with his paper titled "Relation of Runner Width to Operating Characteristics of a Francis Reaction Turbine".

Joe Havenner—Won first prize in the A. S. C. E. contest with his paper titled "Analysis of Corvallis Street Parking Facilities", and second prize in the Northwest Society of State Highway Engineers' contest.

William Wooton—Member of Pi Mu Epsilon, secretary of A. I. Ch. E., and Recording Secretary of Sigma Tau.

Eugene F. Grant—President of Pi Mu Epsilon, Historian of Sigma Tau, and member of Eta Kappa Nu.

Karl Steinbrugge—Corresponding secretary of Tau Beta Pi, Corresponding Secretary of Sigma Tau, and member of Pi Mu Epsilon.

Robert Hampton—Cataloguer of Tau Beta Pi, member of Pi Mu Epsilon, Vice-President of Sigma Tau, second lieutenant of Scabbard and Blade, and pledge to Phi Kappa Phi.

Wayne Weisner—Won the Institute of Aeronautical Sciences Award of Merit, member of Tau Beta Pi, member of Pi Mu Epsilon, won the United Air Lines Scholarship.

James MacLean—President of A. I. Ch. E., President of Sigma Tau.

Fred Wood—Editor of *Oregon State Technical Record.*

Carl Hering—President of Tau Beta Pi.

Wilson Pritchet—Vice-president of Sigma Phi Sigma, corresponding secretary of Eta Kappa Nu, safety chairman of A. I. E. E., Sigma Xi, Phi Kappa Phi, and manager of the *Electrical Discharge.*

George Stephenson—Vice-president of Eta Kappa Nu and member of Pi Mu Epsilon.

Walter Walling—President of Student Council.

Victor Mills—Member of Engineering Student Council and S. A. E. president.

Eugene F. Grant,
Historian for Zeta Chapter.

ETA—Washington State College

Looking back through the school term 1939-1940, we find that the Eta Chapter of Sigma Tau at Washington State College had a very active and successful year. Fourteen old members returned after the summer vacation; and under the leadership of President John Anderson, the chapter initiated George Andrews, Kenneth Boring, James Benjamin, Robert Carstens, Robert Edholm, Gordon Griffith, Kenneth Knight, Bill La Londe, Lowell McGinnis, James Minor, Virgel Phillips, Elbert Roberts, Franklin Sharp, John Sonnichsen and Harold Thompson as new members on December 10, 1939. Among the duties of the neophytes was the task of polishing two cast bronze pyramids, for which Kenneth Knight received the $3 prize for the best job of polishing. Also initiated to honorary membership on the same date was Mr. O. G. F. Markhus, assistant engineer with the United States Bureau of Reclamation at the Grand Coulee Dam. In the evening a banquet was held in Struppler's Cafe, with Professor Moore as the toastmaster, and Dr. H. H. House of the Physical Education Department as the main speaker.

On January 20, 1940, the chapter held their annual semi-formal dance jointly with the Tau Beta Pi chapter at Pine Manor, men's co-op organization. Dick Ellis's orchestra furnished the music, with several couples of campus notables as guests.

Early in March new officers were elected for the coming year. They are: President, Robert Carstens; Vice-president, Darwin Nealey; Corresponding Secretary, James Benjamin; Recording Secretary, George Andrews; Treasurer, Harold Thompson; Historian, Virgel Phillips.

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all the present members of Sigma Tau are removed. A list of the remaining names is sent to the faculty members in the engineering college. The faculty member checks whether he is acquainted with the student well enough to judge him and marks the recommendation column if he feels he is Sigma Tau material. A man to be considered must be known by at least three Sigma Tau faculty members and recommended by two-thirds of those faculty members knowing him. A list of these selected names is then distributed among all the active members at least one week prior to the election. The candidate must be elected unanimously.

Our chapter would like to have the classification of the junior-senior standing cleared up. Also we have found that by holding the election of officers at the stipulated time, the new officers are met with initiation and other major problems before becoming well acquainted with the work of the fraternity.

The only funds deposited in the chapter treasury are those portions of the initiation fee which are not paid to the national organization, i.e., $7.50 per initiate. Dinners at business meetings are paid for by ticket, the treasury not being affected at all by the said dinners. Due to the fact that some of the new initiates are sorely pressed for funds at the time of their initiation, short term notes are sometimes accepted in full or part payment for their fees. No difficulty has been experienced in collecting these notes.

At initiation every new member signs a note for $10 which becomes payable three years after date. The notes are immediately turned over to Brother B. E. Ellsworth, 1018 South 34th Street, Lincoln, Nebraska, who is Alpha Chapter's Loan Fund Secretary. Alumnus Ellsworth has charge of the collection of these notes. The expense of collection is paid by the active chapter. The present size of the fund is approximately $2500.

The itemized bills are submitted to the chapter's treasurer. He procures and signs a requisition for a draft on the chapter funds which are deposited with the University of Nebraska Student Activities Office. This draft is sent to the payee by the Activities Office and the amount deducted from the chapter's balance. At the expiration of a treasurer's term of office, the books of the chapter are audited.

The records of the chapter are complete and in good order.

STERLING T. DOBBS,
President Alpha Chapter.

GAMMA—UNIVERSITY OF PENNSYLVANIA

Gamma Chapter has an enrollment of about thirty by the end of a school year, made up of one half seniors and the balance juniors. This leaves us with a chapter of 15 with which to start the new school year. We meet in the Engineering building in what is called the "activities room". On alternate weeks we meet at some restaurant, either downtown or on the campus, where we have a dinner meeting with a professor or other invited guest such as a technical man as speaker. Since the Fraternity pays half the cost of the dinner, it is not hard to get excellent attendance at these meetings. It is difficult, however, at times to maintain satisfactory attendance at the business meetings.

Our method of electing new members is as follows: We obtain from the Dean a list of all students in the upper third of the junior and senior class. Then we hold a business meeting and the list is run through and each person discussed. Then it is gone through again, and if any member cares to nominate a name on the list he may do so. Cards are then sent out to

those so nominated to appear for an interview before the whole Fraternity. After the interviews have been concluded, the members vote upon the candidates, the usual unanimous vote being required. The pledges are then notified and have a two-week period in which to learn the necessary information about the Fraternity and to make their keys. Then they are initiated at a ceremony held at the Christian Association building.

In our selection of pledges, activities are stressed as is scholarship. Five of the board members of the *Pennsylvania Triangle,* our engineering publication, are members. Three of the officers of Eta Kappa Nu belong, as do three officers of Alpha Chi Sigma. We have two officers of the A.S.C.E., two officers of the A.S.M.E., and the vice-president of the A.I.Ch.E. Eight members belong to the Men About Towne Club, the school's dramatic organization, and six to the Hexagon Society. Four members are in the band, and one is a member of the varsity aquash team. Seven members belong also to Tau Beta Pi.

The chief contribution of our chapter to the engineering school is the annual Engineers' Day Award, which consists of a plaque and a cash prize. The money is awarded to the group of students with the best exhibit in our annual Open House, and the plaque goes to the department to which they belong. This award is a big incentive toward originality and cleverness in the development of new ideas for display.

Our chapter would like to see discussed at the Conclave suggestions for improving our chapter activities.

FINANCIAL REPORT

Due to the fact that at the time I left Philadelphia our Treasurer had not yet returned from his vacation, and apparently had all the financial records at his home, I can give you only our balance at the moment, and will have to send in the complete report later. There are no outstanding bills.

WILLIAM S. LOGAN III,
Secretary of Gamma Chapter.

January 1941

EPSILON—KANSAS STATE COLLEGE

Not only to students in the engineering division, but to all of some 4000 students enrolled at Kansas State College the name Sigma Tau strikes a note of high esteem and respect. Though by far not the only honorary organization on the campus, it is the only one of national status which draws its membership from all branches of engineering. Architectural, mechanical, electrical, chemical, agricultural and civil engineers are all represented.

Membership in Sigma Tau represents the ultimate in honorary societies. Knowledge of the ideals and standards of the organization are not publicized at great length by campus politics nor ballyhoo. Rather, they are brought to light by the achievements of its members and the worth while projects of the organization as a whole. While this tends to draw the most suitable candidates for membership, Epsilon Chapter goes a step farther and promotes the desire further by offering scholarship awards each spring to the three sophomores who, in their freshman year, maintained the highest averages. This competition stimulates students to greater heights in an effort for the recognition.

One of Epsilon's Sigma Tau sponsored projects which is outstanding among all events of the year, is Engineer's Open House and St. Pat's Prom. Last year, under the guiding hand of Brother Joe Redmond, Kansas State College played host to more than 14,000 persons over a two-day period in which the engineering division was put on display and exhibition. A goodly portion of these visitors stayed to St. Pat's Prom which

followed, and were handsomely entertained by a wonderful program originating entirely with the local chapter and under supervision of Brother Bob Lake. This spectacle proved to be not only the outstanding event of the year but the biggest Open House in the history of the school. Brothers Redmond and Lake were President and Vice-President of Epsilon Chapter last year. The supplementary factor which spelled success for both Open House and Sigma Tau was the excellent handling of publicity by Brother Raymond Bukaty.

Though Open House for 1941 is yet months away, plans for a still greater and more successful event are being outlined by this year's manager, Brother Bert Sells, who in addition to being Open House manager, occupies the chair of recording secretary in the present cabinet, and is responsible for maintenance of Kansas State smoker, banquet and maintains monument. It is through the medium of accomplishments such as the above mentioned that Epsilon Chapter is contributing to the welfare and advancement of outstanding activities at Kansas State College. It is also through this medium that the three most important things which Sigma Tau signifies are definitely established, namely: scholarship, practicality and sociability.

Of 37 organizations canvassed, all profession, honorary or technical, it was found that an accumulative sum of 149 memberships were held by Sigma Tau members. Of this vast representation, 57 cabinet positions existed, which proves Sigma Tau a criteria for the development of outstanding character and leadership. Certainly, this provides something of material and worth while value, which is the fundamental aim of the organization.

Passing judgment does not end at this point. As a means of furthering the incentive of the individual member to do greater things, there exists the ever-present record of the members who leave the immediate associations to which they are accustomed while in school, but continue on the outside to advance in their chosen profession. Kenneth K. Bowman, an alumnus of Epsilon Chapter, this year was awarded the highest honor the General Electric Company confers on its employees. This honor was the Charles A. Coffin Foundation award, given by the company to those employees "who achieve greatly in the performance of their duties and furtherance of the electrical industry."

Another alumnus who in 1935 resigned his position on the faculty of the Electrical Engineering Department has, of recent date, been in charge of building studio control apparatus for the new television station of the Crosley Radio Corporation of Cincinnati, Ohio. He is Maurice W. Horrell, formerly in charge of television research at Kansas State College.

Other alumni members may be found with virtually every major concern in the engineering industry: General Electric, Westinghouse, Lehigh Portland Cement Company, Standard Oil Company of Indiana, Wright Aeronautical Corporation, Allis-Chalmers Manufacturing Company, Boeing Aircraft Corporation, Lockheed Aircraft Corporation, U. S. Army Engineering Corps, U. S. Marine Corps, DeLaval Steam Turbine Company, other government agencies, and, in fact, concerns dealing in every line.

Two of Epsilon's most recent Presidents are at the present occupying very responsible positions: Duane Jehlik, 1938-39, is in Victoria, Texas, with the Magnolia Oil Company; Joseph Redmond, 1939-40, is located at Schenectady, New York, where he is employed by the General Electric Company.

Chapter meetings are held twice monthly in the Chapter room in Nichols Gymnasium. The Secretary succeeds in getting the greater majority of the members to the meetings by issuing printed cards through the mail in the college post office. Attendance is usually very good. Only the immediate business is taken up, except on occasion where conclusive planning

and arbitration must transpire, thus the time of the members is not wantonly wasted. The meetings are strictly of "free discussion" nature.

Selection of new members, once in the fall and once in the spring, is carried on by secret ballot after a free discussion of the candidate. At the meeting before election, names of all eligible students, with their scholastic averages, are presented to the Chapter. Restricted discussion is held at which any member may discuss very briefly the qualifications of the candidates. At the election meeting two weeks following, the members request the names of the men they would like to have balloted. Open discussion is held again upon each man as he comes up for balloting. When all the discussion of the candidate has been held, secret voting is held by means of playing card ballots, red to elect, black to reject. The entire list of names is run through in this manner. There are very few instances, if any, when sufficient members are obtained on the first ballot, so the list is generally gone through once more. However, after the first ballot the names usually considered are those with less than three "black balls," although a member may request a second ballot to be held upon any candidate. The discussion of the candidates, which may continue on any of the following ballots, is usually stopped at the discretion of the Sphinx. The number of new members usually number around twenty for each semester.

Scholarship is the only fundamental rating scale employed by our Chapter. Personality and sociability contribute to the rating, but exists not as a definite rating.

As enrollment now stands in Epsilon Chapter, with respect to the upper third of junior and senior students in school, the percentage who are members measure between 25 and 30.

The outstanding problem which Epsilon Chapter has to offer to the conclave for comment arises from the Freshman Scholarship Awards: Since three awards are given for the highest averages existing among prospective engineers, is it permissible to award a female? Because the award statement refers to "the highest" with no mention as to sex, it was generally concluded in our chapter discussions that it was entirely satisfactory, the matter originating last spring due to the appearance of a female on "the highest" list.

Another technicality which is slightly in the dark is whether or no the key can be used for decorative purposes such as at banquets, dances or for publication of Sigma Tau interests.

The records of this chapter are complete and in very good order. A financial statement accompanies this report on a separate sheet.

Our funds are collected and all the bills paid by the Treasurer. The bills, before being paid, must be presented in the meeting and upon motion duly passed; then the Secretary and President sign the order which authorizes the Treasurer to pay the bill.

Loan funds are not maintained by the chapter at the present time. The feasibility of such a plan is being investigated, however.

VICTOR G. MELLQUIST,
Vice President of Epsilon Chapter.

ZETA—OREGON STATE COLLEGE

The Zeta Chapter of Sigma Tau has had a definite standing as one of the best honorary societies on the Oregon State College campus since the chapter was established in 1913. Of the five engineering honoraries on the campus, only Sigma Tau and Tau Beta Pi are open to the entire engineering school.

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With 21 members graduating, the chapter is left with only 10 members to start the 1941-1942 term. These 10, however, seemed a particularly active group and were, apparently, well prepared to handle a successful year for the Fraternity on the Pennsylvania campus.

For the first time in many years Gamma Chapter elected a new chapter adviser. Prof. C. N. Weygant of the electrical staff was elected to replace Prof. W. S. Pardoe of the civil staff. Professor Pardoe's work during the past few years has been greatly appreciated by the men of Sigma Tau's Gamma Chapter, and he has given much of his time and attention to matters concerning the chapter and its members.

With this year's chapter letter, Gamma is including a photograph of the plaque it awards to the school which has the most interesting and original exhibit at the University's annual Engineers' Day. As shown on the plaque, the Chemical Engineering Department received this award in 1937 and the Moore School (electrical engineering) in 1938. The Moore School won again in 1939, and in 1940 no exhibit was deemed worthy of the award. Because of the extensive outside activities of many of the faculty members during this year of national emergency the University did not hold an Engineers' Day in 1941.

Gamma Chapter's officers for the 1941-1942 term are:

President—Sumner Peirce.
Vice-President—Eugene Robertson.
Secretary—Joseph Bracegirdle.
Treasurer—Charles Masland.
Historian—Ivan Robinson.

SUMNER PEIRCE,
President of Gamma Chapter.

July 1941

EPSILON—KANSAS STATE COLLEGE

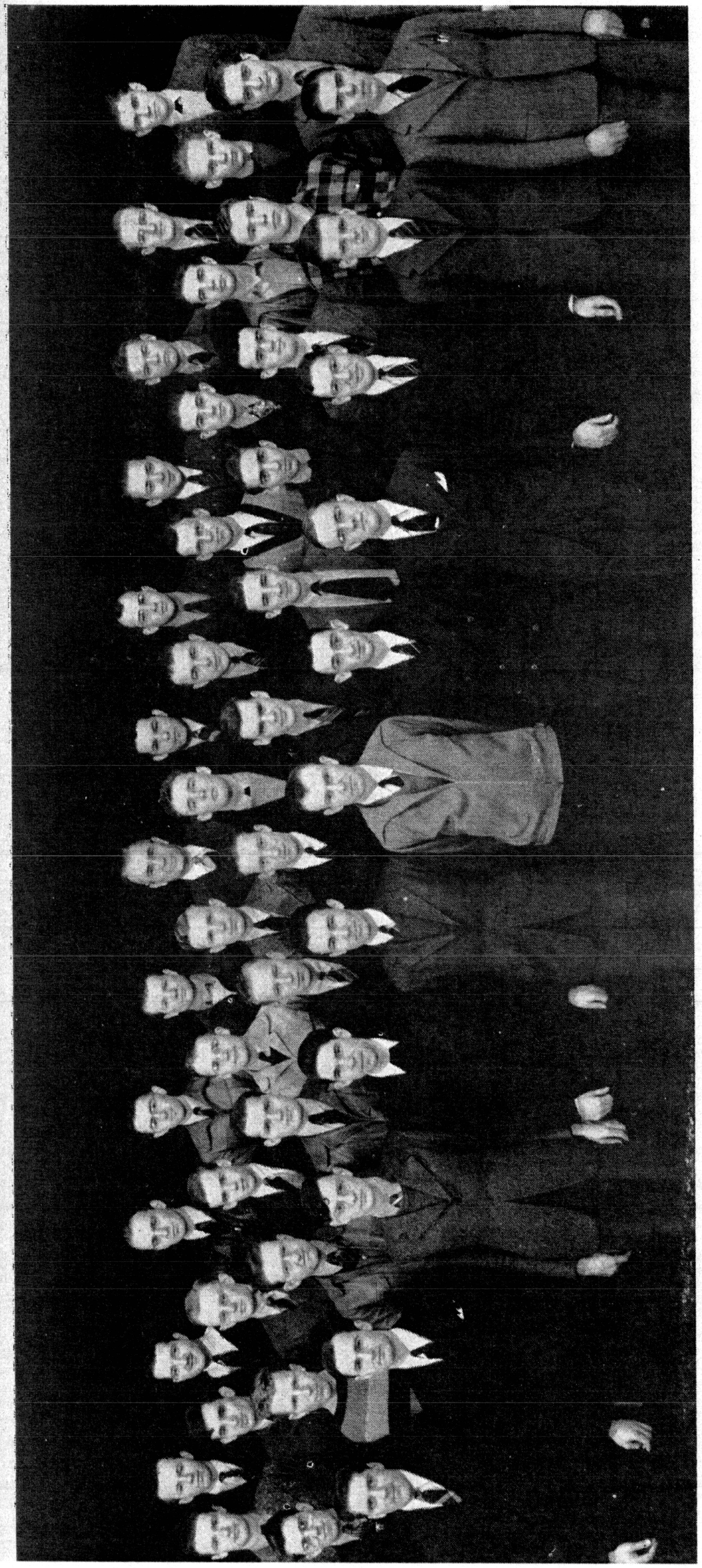
Kansas State College has over a thousand young men enrolled in the Division of Engineering from which Sigma Tau chooses its approximate twenty members each semester. Sigma Tau has proven to be one of the most outstanding organizations on the Kansas State campus through the activities of its members and the accomplishments of the chapter as a whole.

St. Pat's Prom, an annual event sponsored by Sigma Tau, had 1,000 persons in attendance, which was the largest party of the year. Kansas State's now famous Open House attracted thousands of visitors from all over the state and was hailed as another big success.

Each year Sigma Tau selects some task to promote interest in the Fraternity and be of benefit to the college. One project was the construction of the letters K.S. on one of the massive bluffs which almost surround the City of Manhattan. This impressive monument covers an area 80 feet by 200 feet. Another project which has proven worth while was the construction of the Sigma Tau Pyramid in front of the engineering building.

Sigma Tau's major undertaking this year was being host to the Sigma Tau National Conclave last September. The delegates and National Officers were housed and entertained in various ways by members of the active chapter, and the Conclave seemed to all the highlight of the year.

Brother Spear, the new President of Epsilon Chapter, has promise of leading Sigma Tau on to even greater accomplishments this coming year. This past year he was secretary of the Open House event and this year he will serve as manager of this, the largest of the student undertakings at Kansas State. Brother Spear is also president of the Student Council and a member of other organizations.



EPSILON CHAPTER, KANSAS STATE COLLEGE

Back Row—Bixler, Haines, Danielson, Blackburn, Wahrenbrock, White, Rollins, Witt, Sammuelson, Walker, Sutherland, Rupe.
Third Row—Ray, Thackrey, Small, Dunlap, Packer, Washburn, Bates, Moss, Brown, Olson, Adcock, Zeidler.
Second Row—Henry, King, Bond, Grubb, O'Neill, Murray, Vanderwilt, Romig, Webb, Fitzsimmons, Estey, Spear.
Front Row—Nease, Ghormley, Schwerin, Newacheck, Childers, Ransom, Allen, Shade, Leggit, Peterson, Mellquist.

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The graduating members of Sigma Tau have been very active during the past year. The President of Sigma Tau for this past school year was Brother Keogh, one of Kansas State's most active campus leaders, who filled his office well until the end of the first semester when he was called into active service in the coast artillery. Brother Mellquist, Vice-President of Sigma Tau, took over and served until the spring elections. Brother Sells acted as Secretary for the past year, along with being manager of Open House, president of Pi Tau Sigma, and secretary of Steel Ring; Bob Washburn held the office of Treasurer, and Fred Eyestone, a member of Phi Kappa Phi, and an outstanding campus leader, was the chapter Historian. Other members who have distinguished themselves are Brother Dannielson, pledge captain of Sigma Tau and member of Phi Kappa Phi, and Brother Childers, who rated listing in Who's Who in American Colleges and Universities the past year.

Our new officers and members who promise to be outstanding in campus affairs next year are Brother Spear, our new President; Brother Moss, who is secretary of the Student Council and on the Engineers Council, is Sigma Tau's new Vice-President; Brother Bixler, a member of the Student Council last year and manager of the Engineers Dance, is on the Engineers Council, and is our new Secretary; Vanderwilt, Treasurer; Dunlap, secretary of Blue Key, Historian; and Schraeber, Corresponding Secretary. Other members who promise to do big things next year are Brother Walker, president of Steel Ring and business manager of *The Kansas State Engineering Magazine;* Fitzsimmons, president of Mortar and Ball; Piper, circulation manager of *The Kansas State Engineering Magazine,* and Estey, president of Pi Tau Sigma.

ROBERT DUNLAP,
Historian of Epsilon Chapter.

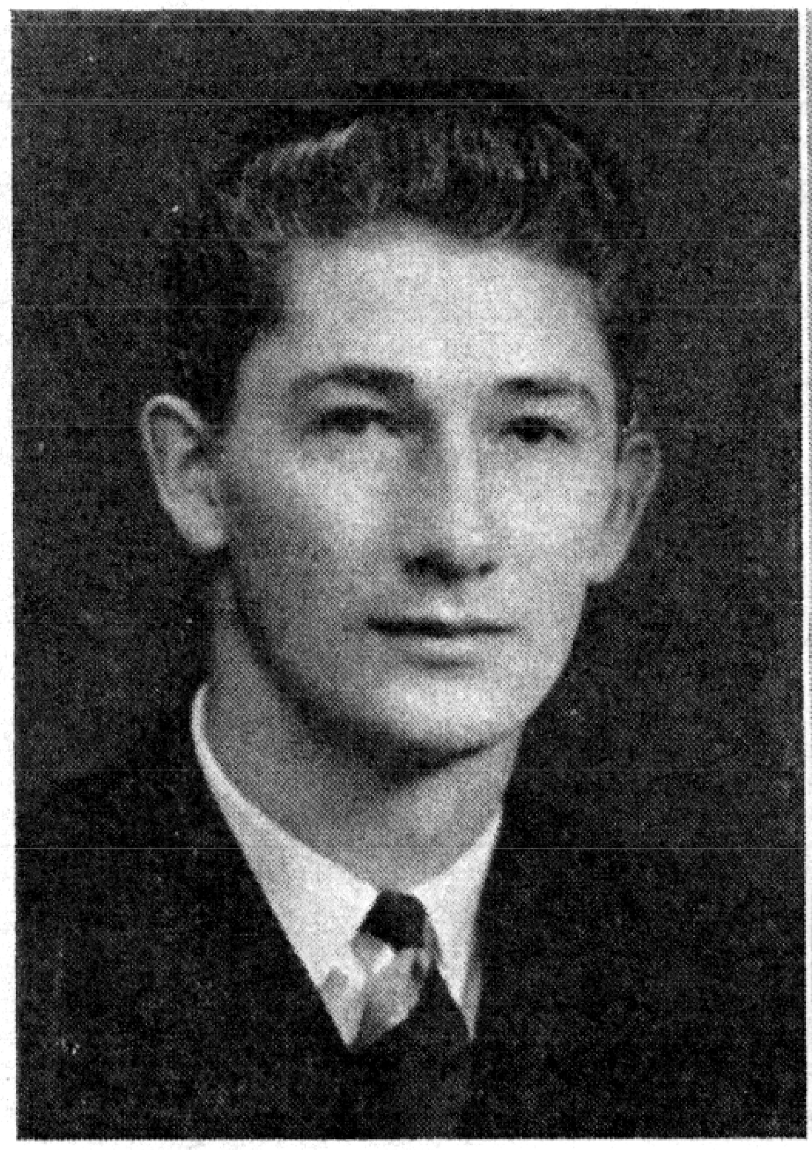
ETA—WASHINGTON STATE COLLEGE

Eta Chapter initiated 12 new members at exercises held Sunday, April 27th. That evening a banquet was well attended at the Washington Hotel. Dean McCreery, Dean of Men on the campus, was the speaker, having as his topic "Your Kit of Tools." His remarks applied especially to the graduating seniors, all of whom are already hired by various companies.

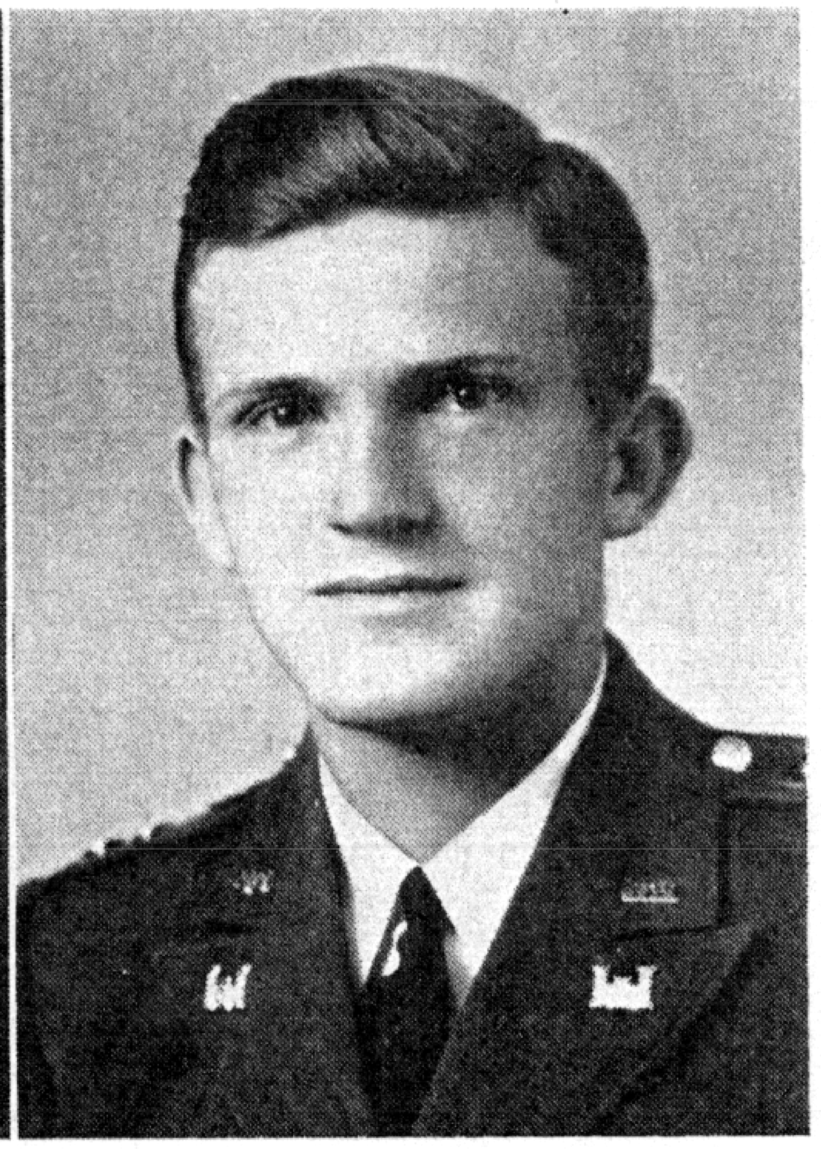
Several of the members are advanced R.O.T.C. students and are being called into the army soon after graduation. Other members are interested in defense matters in other ways. Roy Steiner, '41, is assisting in special research for the N.A.C.A., a project devoted to the application of the methods of photoelasticity to the study of the flow of fluids. This work is on a restricted publication basis.

Bill Peters, '42, is doing research in the properties of magnesium and its alloys, a topic of deep interest now. In this connection there is located at W.S.C. an experimental pilot plant for the production of magnesium from magnesite ore, of which there are large bodies in Washington and Colorado. In conjunction with the Bureau of Mines' work on the pilot plant, the college is preparing an extruder which will form the magnesium crystals from the pilot plant into homogenous rods either 3/8 inch or 1/2 inch in diameter and several feet in length. George See, '42, has been helping build and is setting up the extruder at present.

Prof. H. H. Langdon, Head of the Department of Mechanical Engineering, and faculty member of the chapter, is adviser, Region 22, for Engineering Defense Training under the United States Office of Education. His duties consist of correlation of the training needs of defense industries and the facilities of the colleges in the area comprising Montana, Idaho, Washington, and Oregon. The work has called him to Washington, D. C., twice and to Chicago once for meetings, and he has made many trips in the Northwest area. In addition, he has carried on his work at the college with little additional help.



HAROLD SARGENT
ETA, '41



E. GORDON GRIFFITH
ETA, '41

Another faculty member of the chapter, and Assistant Director of the Engineering Experiment Station, Mr. Homer Dana, W.S.C. '15, has attracted the interest of cross-country airlines with his work on static control on airplane radios. Another development of his, an automatic traffic speed recorder, has brought requests for information from as far away as South America. The requests, strange as it seems, are from traffic engineers and not traffic policemen, for it indicates the extent of necessary hazard posting. He has experimented with home freezing plants for farms, and perfected insulation to the point where large lockers maintained at 0° F. use less current than the ordinary kitchen unit. The same compressor may be used to keep an auxiliary kitchen unit at 40° F.

Student members of Sigma Tau are active in other lines. President of the chapter is Harold Sargent; also president of the Am. Soc. of C. E., student section, and a member of Tau Beta Pi, Phi Kappa Phi, and Scabbard and Blade.

Among members graduating is E. Gordon Griffith. He is affiliated with Phi Kappa Phi, Tau Beta Pi., A.I.M.E., Scabbard and Blade, and is a Sigma Nu. At present he is president of Sigma Gamma Epsilon and treasurer of the Associated Muckers. He is very active in military affairs and holds many honors: the 384th Infantry Saber for the man most proficient in military knowledge; the Pershing award from Fort Wright C.M.T.C. for distinguished attainment in military education; also the medal and trophy cup from American Legion Post 136 for being the Pershing award nominee. And he has a medal of excellence from the Spokane chapter of the R.O.A. He has been a member of the W.S.C. Rifle Team for three years and last summer won the 30 caliber M1 rifle championship. At present he is cadet colonel of the W.S.C. R.O.T.C.

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EPSILON CHAPTER, KANSAS STATE COLLEGE

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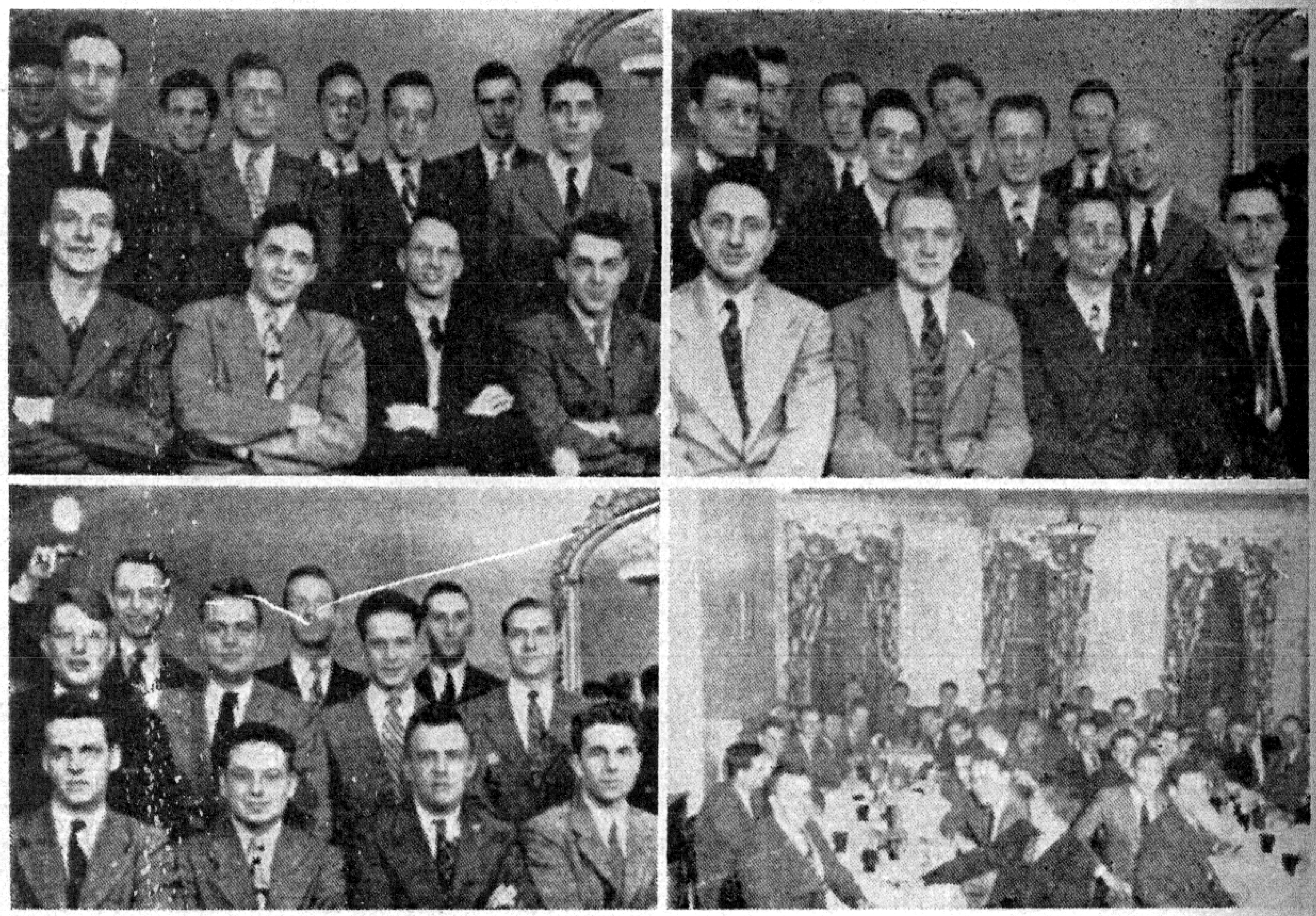

Members of Sigma Tau at Gamma Initiation Dinner.

At the last regular meeting, new officers were elected for the coming year. They are: President, Francis Jackson; Vice-President, Arthur Weigand; Recording Secretary, Carl Newman; Corresponding Secretary, Albert Segal; Treasurer, David Uhlmann; Historian, Warren Hagist.

Among the activities planned for the following year is the revival of the Freshman Award which was temporarily discontinued during the years of the war. It is also the plan of the chapter to work with other engineering honorary societies to promote better cooperation and fellowship between classmen. The first step towards this goal is to organize a committee to greet enrolling freshmen and introduce them to the campus. It is felt that this will foster the feeling in the freshmen of being a more integral part of the University and the Engineering School.

ALBERT Z. SEGAL
Corresponding Secretary

DELTA–SOUTH DAKOTA STATE COLLEGE

The past year has been one of increasing activity for Delta Chapter and plans for next year's activities have already been made. The engineering students have started a monthly publication, The South

Dakota STATE ENGINEER. Sigma Tau members have contributed generously of their time and efforts to this paper. The national council will be on the mailing list next fall. Three of the first four "Engineers of the Month" were members of Sigma Tau.

The freshman medal was presented to Noble Nerheim at the engineer's Spring Banquet. Four new members were presented with keys as were two honorary members. Mr. George Reitz, an alumnus of South Dakota State, was the principal speaker and was taken into Delta chapter as an honorary member. He is manager of the farm industry division of General Electric and is president-elect of the American Society of Agricultural Engineers.

One of the honorary members was Mr. George Rietz, a graduate of South Dakota State College, who is now in charge of all rural electrification for General Electric. He is also president-elect of the National Agricultural Engineering Society.

The other honorary member was Professor Lee Amidon, Head of the Mechanical Engineering Department. Previous to this time no member of the M. E. Department staff was a member of Sigma Tau.

The following members of Delta Chapter were duly elected on May 15, 1947, to serve as officers.

PRESIDENT—Robert C. Peller, 815 9th Street, Brookings, S. D.
VICE-PRESIDENT—Eugene B. Hunt, Scobey Hall, Brookings, S. D.
SECRETARY—Gene M. Amdahl, 1433 East 6th Street, Brookings, S. D.
TREASURER—Harold D. Brown, 516 12th Ave., Brookings, S. D.
CORRESPONDING SECRETARY—Perley F. Betts, 1028 8th Ave., Brookings, S. D.
HISTORIAN—Ernest L. Buckley, East Men's Hall, Brookings, S. D.
CHAPTER ADVISER—Prof. William Gamble, Div. of Eng., State College of South Dakota, Brookings, S. D.

Summer 1947

Sincerely yours,
PERLEY F. BETTS
Corresponding Secretary

EPSILON–KANSAS STATE COLLEGE

Another school year for Epsilon Chapter is nearly completed and it has been a successful one. The membership has increased considerably and the chapter now has seventy-one active members.

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This year the chapter renewed its custom of honoring the three freshmen in engineering attaining the highest scholastic average. The Freshman Awards were presented at the Annual Spring Banquet which was held April 21.

Six men were initiated in March and twenty-three more at the Spring Banquet. The new members are as follows: R. L. Curry, Tom Fletcher, Dwight Jones, William McVey, Morris Werner, John J. Hoefer, Reed Larson, Ernest Sellers, Howard Swanson, Richard Swanson, Leonard Wood, Norman Woolgar, Harvey Spencer, Lawrence Stenenson, John Shupe, Richard Medlin, Gabe Sellers, Jack Harmon, Robert Heline, Clyde Hinman, Vance Miller, Lynn Alford, Robert Berner, Harmon Bear, Ward Haylett, Dale Dronberger, Dale Olsen, Ward Keller and Jack Rieb.

Prof. L. V. White, our faculty sponsor, attended the national meeting of Chapter Advisors in Denver, Colorado, December 7, 1946, and made a report on the meeting following his return.

Members spent much of their time this year preparing for Engineer's Open House and St. Pat's Prom, which is sponsored annually by Sigma Tau. The attendance at these events was somewhat hampered this year because of a severe flu epidemic in Manhattan, but nevertheless several thousand persons attended the Open House during the two days it was held. The Prom, which featured Raymond Scott and his orchestra, was held March 15, climaxing the Open House celebration, and it was an outstanding social event at Kansas State.

With St. Pat's Prom over with, chapter members devoted much of their time to acquiring the plot of ground on "KS" Hill, where the huge concrete letters "KS" are located. Sigma Tau began construction of this monument in 1921 and since its completion it has become one of the landmarks at Kansas State. It is usually an annual job for new pledges to clean and paint these letters, which are over 80 feet high. It has long been a project of this chapter to acquire this land and construct a "C" to complete the college letters "KSC". Members have been giving their services as surveyors in exchange for title to this land and it is hoped that the project can be completed soon.

Sigma Tau has always been the outstanding engineering organization at Kansas State College and this year is no exception. The prominence of the chapter is due to its outstanding members and to the help and advice of its chapter adviser. Members are prominent in other activities and the following are some of the offices which have been held by Sigma Tau members this year: President, Vice President, and Secretary of the Engineering Council; President of I. R. E.; President and Vice President of A. S. C. E.; President of A. S. M. E.; Vice President of A. S. A. E.; President and Vice President of A. I. C. E.; President of A. I. E. E.; President of Eta Kappa Nu; President and Vice President of Steel Ring; and Student Council Representative.

Case Bonebrake served as President of Sigma Tau during the first semester and Bob Ekblad was President the second semester. The officers elected to serve next year are: Loyd Peterson, President; Gabe Sellers, Vice President; Irvine Gandee, Recording Secretary; Richard Medlin, Treasurer; Earl Couchman, Corresponding Secretary; and Richard Swanson, Historian.

Fraternally yours,

JAMES F. HADLEY

Historian

ZETA—OREGON STATE COLLEGE

The chapter had twelve members at the opening of school last fall. Sixteen were initiated early in the year and it was planned to initiate about 35 more in late May. Eighteen graduated this year

Following is a list of the officers of Zeta Chapter, elected 1 April to hold office for the coming year: President, Douglas Engelbart; Vice President, Ray T. McPherson; Recording Secretary, Allan J. Caldwell; Corresponding Secretary, Benjamin H. Beam; Treasurer, John C. Fox; and Historian, Thomas J. Rosenthal

Fraternally,

JACK W. LILJEBERG

President, Zeta Chapter, 1946-47

ETA—WASHINGTON STATE COLLEGE

Eleven members were present at the opening of school. Thirty-four were initiated during the year and 23 graduated.

In regard to the Sigma Tau freshman medal, this college is now operating on a deferred major basis under which the student does not choose his major field of study until after the conclusion of the freshman year in the case of Engineering. In view of this fact, we are unable to select the outstanding freshman student before the next school year.

Officers for next year were elected on 7 May, 1947. They are: President, Robert E. Larson; Vice President, Harold G. Thompson; Corresponding Secretary, Roy E. Peterson; Recording Secretary, Roger

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Each spring Delta Chapter holds a banquet following the installation of new officers.

Meetings of the fraternity are held in one of the meeting rooms in the Student Union Building. All members are informed of such meetings by posters on the engineering bulletin boards and individual post cards.

Through its meetings and the annual banquet, Delta Chapter develops in its members the qualities of practicality, sociability, and scholarship. Members are regular contributors to the STATE ENGINEER, the publication of the engineering division.

Probably the most outstanding contribution being made by the chapter at S.D.S.C. is its program to promote scholarship in the engineering division through its counseling service, its award to the high ranking freshman, and other means.

George A. Rietz, an alumni member of Delta Chapter was president of the American Society of Agricultural Engineers during the 1947-1948 year.

Less than half of the total number of students in the upper third of the junior-senior division are members of the chapter of Sigma Tau at South Dakota State College. Those of the eligible students who are listed by all the members on their individual lists of prospective members made up of half the eligible members are elected to membership. It has been unnecessary to regulate the relative number of M.E.'s, C.E.'s, etc. taken into the chapter at S.D.S.C.

The records of the chapter are in good order. They may be found in the Sigma Tau file in the Electrical Engineering Office.

Plans have been made for the construction of a Pyramid and Rail section. If materials are available, construction will start in the spring.

CHARLES A. LUNDQUIST
President Delta Chapter

Winter 1949

EPSILON CHAPTER
KANSAS STATE COLLEGE

Epsilon Chapter of Sigma Tau Fraternity is the only chapter of a national honorary engineering fraternity at Kansas State College. Other honorary organizations in the School of Engineering and Architecture are: Eta Kappa Nu, Pi Tau Sigma, and Phi Lambda Upsilon. A local honorary for all engineers, Steel Ring, is present. In addition, there are student branches of the appropriate professional societies. Sigma Tau is by far the largest of these organizations and occupies the most prominent position.

Membership in this chapter serves as an incentive to do better work on the part of the students. However, there is some indifference to such organizations by students who do not realize the importance of at least better than average grades.

Epsilon chapter annually has awarded medals to the three sophomore engineers who hold the highest grade average for their freshman year. These awards are made at the annual Spring Initiation banquet.

Chapter meetings are always held in accordance with the ritual. All of the business of the chapter and the fraternity is transacted in these meetings. They are held in a large recitation room in the Engineering Building. Members are notified several days in advance of each meeting by a printed meeting notice sent to them through the college post office. The general Policy for meetings is every other Tuesday afternoon throughout the year. Habitual absentees are brought before the officers to show reason why they should not be dropped from the organization. Three consecutive unexcused absences are considered cause for this action. There is little absenteeism that is not excused.

Practicability is fostered through active participation in the Engineer's Annual Open House, maintenance of Chapter projects such as recognition structures on the campus, and preparation for the Engineer's Ball, Saint Pat's Prom.

Sociability is encouraged at the smokers held each semester to meet upper-classmen in the higher grade brackets.

At present Epsilon Chapter feels that the grade average of its members does not warrant a planned scholarship program.

Epsilon Chapter annually presents one of the outstanding formal dances of the year as a climax of the Engineer's Open House. This dance, Saint Pat's Prom, is preceded by spirited campaigning for department nominees for election as Saint Pat and Saint Patricia, who reign over the Ball.

Approximately forty per cent of the eligible men of our school are members of Sigma Tau. Candidates for membership are met at a smoker held each semester for this purpose. Election to membership is by secret ballot after open discussion of the candidate's accomplishments in scholarship, practical experience, and general campus life. Although there is no quota set on the number of men to be taken from each department, the pledge class is usually a representative group.

Epsilon has no problems which need to be discussed on a national level.

To the best of our knowledge, Epsilon's records are complete and in good order.

Epsilon's assets consist of $541.48 cash. Epsilon has no liabilities. Revenue consists of profits from Saint Pat's Prom and membership dues. Epsilon has no loan fund, as this function is adequately maintained by the college. Bills are paid by checks signed by the chapter treasurer.

ACCOMPLISHMENTS OF CHAPTER AND INDIVIDUAL MEMBERS

Believing that active projects on or near the campus are the best stimuli to active participation in chapter activities, Epsilon Chapter of Sigma Tau has in the past undertaken several outstanding projects in addition to annual and traditional affairs. Most notable among these are:

A stone Pyramid and Rail Section conspicously located on the campus,

The construction of a large concrete "KS" located on a prominent bluff and visible for many miles,

The acquisition later of the deed to the land occupied by the "KS" and the presentation of it to the College by members of Sigma Tau.

Each year Epsilon Chapter initiates two pledge classes, sponsors the traditional Saint Pat's Prom after the Engineer's Open House, recognizes scholarship by an award to the outstanding freshman engineers, and aids materially in the presentation of the various phases of the Engineer's Open House.

Individual members of Sigma Tau are active in nearly all campus organizations, such as Pi Tau Sigma, Eta Kappa Nu, Phi Lambda Upsilon, The Architecture Association, Phi Kappa Phi, Steel Ring (a local Engineering fraternity), various social fraternities, A.S.M.E., A.I.Ch.E., A.I.E.E., A.S.C.E., I.R.E., A.S.A.E., and Scabbard and Blade.

Six out of thirteen members of Blue Key are members of Sigma Tau. The Engineering association, composed of all engineering students at the college is governed by an Engineering Council with Sigma Tau holding the principle offices. Two out of nine members of the Student Council are also members of Sigma Tau. Our members are active in all branches of student government.

Walter Albert Buck, E.E. '13, President of Radiomarine Corp. New York, N. Y.

James Haupt, M.E. '33, Chief Design Engineer Cardwell Manufacturing Company, Wichita, Kansas.

Stanley A. Smith, A.E. '13, Head of the Department of Architectural Engineering, State College of Washington.

Lester H. Means, E.E. '23, Assistant to the Vice President, Employee Relations, General Electric.

R. G. Kloeffler, Hon. Head of Department of Electrical Engineering, Kansas State College.

A. A. Potter, Hon. Dean of Engineering, Purdue University.

Avid A. Anderson, M.E. '14, Manager of the Department of Highway and Municipal Bureau, Portland Cement Association.

Martin K. Eby, C.E. '29, President of Martin K. Eby Construction Company.

James L. Potter, E.E. '29, Head of Department of Electrical Engineering, Rutgers University.

Charles W. Shaver, A.E. '14, Five times he has been President of the Kansas Chapter of the Americal Institute of Architects.

Gordon Hamilton, M.E. '19, Manager of the Kansas City branch of Westinghouse.

Carman Carl Tate, E.E. '26, General Superintendent of Phillips Refinery in Okmulgee, Okla.

Robert F. Blanks, C.E. '24, In charge of Engineering and Geological Control and Research Division, U. S. Bureau of Reclamation, Denver, Colorado.

Merrill A. Durland, E.E. '18, Asst. Dean of School of Engineering, Kansas State College.

Earl V. Farrar, M.E. '26, Engineering Manager, Gas Turbine Division, Wright Aeronoutical Corporation.

Ernest F. Miller, M.E. '25, Advisory Engineer in the Steam Engineering Division, Westinghouse.

R. A. Seaton, Hon. Dean of the Engineering School, Kansas State College.

ZETA CHAPTER OREGON STATE COLLEGE

Sigma Tau at Oregon State College is one of two all-engineering fraternities on the campus. The primary function of the chapter has been one of bringing recognition to those students who have done well scholastically. This alone has proven an incentive among the engineering students to do better work and to raise their scholastic rating by so doing.

The school has set the rules and regulations for pledgings of honor societies. Pledging is authorized twice a year, one during fall term and once during spring term. A list of eligible men is obtained from

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Winter 1951

EPSILON CHAPTER KANSAS STATE COLLEGE

JACK L. WEBB

Epsilon Chapter of Sigma Tau Fraternity is the only chapter of a national honorary engineering fraternity at Kansas State College. Other honorary organizations in the School of Engineering and Architecture are: Eta Kappa Nu, Pi Tau Sigma, Phi Lambda Upsilon, Tau Sigma Delta, and Steel Ring, local honorary for all engineers. In addition, there are student branches of the appropriate professional societies. Sigma Tau occupies the most prominent position among these organizations due to its outstanding members and the help and advice of the chapter advisor, Prof. L. V. White.

Epsilon Chapter sponsors several activities at Kansas State. One of the outstanding formal dances of the year is presented by this chapter as a climax to Engineer's Open House. This dance, St. Pat's Prom, is preceded by spirited campaigning for department nominee's for election as St. Pat and St. Patricia, who reign over the Prom.

The plot of ground and the letters on "KS" Hill are maintained by Epsilon Chapter. These letters, which are over 80 feet high, are cleaned and painted each year. Present plans include the construction of a "C" to complete the college letters "KSC".

Epsilon Chapter awards medals to the three sophomore engineers who hold the highest average for their freshman year. These awards are made at the Spring Initiation Banquet.

The members of Epsilon Chapter participate actively in all of the events of the college. The following, a partial list for the current semester, will give an adequate picture of the activity of our membership:

Jack Webb, President of Sigma Tau, Secretary of A.S.C.E.

Stanley Wood, Vice-President of Sigma Tau, President of Engineering Council, Business Manager of Kansas State Engineer, Vice-President of Blue Key.

Dale Wilson, Treasurer of Sigma Tau, Student Council.

Paul Swan, Student Council, Treasurer of Engineering Council.

Russell Jones, President of Steel Ring.

Ken Harkness, Historian of Sigma Tau, Vice-president of Engineering Council, Editor of Kansas State Engineer, and Corresponding Secretary of Blue Key.

Dick Palmer, President of A.S.M.E., President of Pi Tau Sigma.

Hal Faulconer, President of A.S.C.E., President of Mid-Central Section of the A.S.C.E.

Clayton Ferguson, Engineer's Open House Chairman.

Richard Hanson, President of UNESCO, Treasurer of Steel Ring.

Donald Kelley, President of A.S.A.E.

Paul Jones, President of A.I.E.E., Secretary of Steel Ring.

Dewey Peterson, President of A.I.Ch.E.

Robert Lawton, President of Eta Kappa Nu.

Waldean Grauerholz, Vice-president of Mid-Central Section of the A.S.A.E.

We of Epsilon Chapter believe that membership in Sigma Tau is a distinct incentive to members to do finer work in every respect, scholastically and in student activities. This belief is strengthened by the listing of activities and offices which our members have received after their initiation into Sigma Tau. Freshmen and Sophomore engineers look forward to possible membership in Sigma Tau, and work hard to achieve this goal.

Chapter meetings are held, in accordance with the ritual, every other Tuesday during the school year. They are held in a large recitation room in the Engineering Building. Members are notified in advance of each meeting by a printed meeting card sent by mail and notices are posted on department bulletin boards. Habitual absentees are brought before the officers to show reason why they should not be dropped from the organization. There is little absenteeism that is unexcused.

To develop members along the lines of practicality, Epsilon Chapter encourages participation of its members in Engineer's Open House and the maintenance of "KS" Hill.

To develop members along the lines of sociability, Epsilon Chapter sponsors the St. Pat's Prom, an initiation banquet each semester, and a smoker for each pledge class.

At present, Epsilon Chapter feels that the grade average of its members does not warrant a planned scholarship program.

Following is a list of honors and advancements for some of the alumni members of our Chapter:

Walter Albert Buck, E.E. '13, President of Radiomarine Corp., New York, New York.

James Haupt, M.E. '33, Chief Design Engineer Cardwell Manufacturing Company, Wichita, Kansas.

Stanley A. Smith, A.E. '13, Head of the Department of Architectural Engineering, State College of Washington.

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Lester H. Means, E.E. '23, Assistant to the Vice-President, Employee Relations, General Electric.

R. G. Kloeffler, Hon. Head of Department of Electrical Engineering, Kansas State College.

A. A. Potter, Hon. Dean of Engineering, Purdue University.

Avid A. Anderson, M.E. '14, Manager of the Department of Highway and Municipal Bureau, Portland Cement Association.

Martin K. Eby, C.E. '29, President of Martin K. Eby Construction Company.

James L. Potter, E.E. '29, Head of Department of Electrical Engineering, Rutgers University.

Charles W. Shaver, A.E. '14, Five times he has been President of the Kansas Chapter of the Americal Institute of Architects.

Carman Carl Tate, E.E. '26, General Superintendent of Phillips Refinery in Okmulgee, Okla.

Robert F. Blanks, C.E. '24, In Charge of Engineering and Geological Control and Research Division, U. S. Bureau of Reclamation, Denver, Colorado.

Merrill A. Durland, E.E. '18, Dean of School of Engineering, Kansas State College.

Earl V. Farrar, M.E. '26, Engineering Manager, Gas Turbine Division, Wright Aeronoutical Corporation.

Ernest F. Miller, M.E. '25, Advisory Engineer in the Steam Engineering Division, Westinghouse.

R. A. Seaton, Hon. Dean Emeritus of the Engineering School, Kansas State College.

Approximately forty per cent of the eligible men of our school are members of Sigma Tau. Candidates for membership in Epsilon Chapter are met at a smoker held each semester for this purpose. Election to membership is by secret ballot after open discussion of the candidates accomplishments in scholarship, practical experience, and general campus life. No effort is made to prorate the proportion of members from the various departments. The pledge class is usually a representative group. There is no interdepartmental politics played in Epsilon Chapter and so there is no need for proportional provisions.

Epsilon has no problems which need to be discussed on a national level.

To the best of our knowledge, Epsilon's records are complete and in good order.

ZETA CHAPTER
OREGON STATE COLLEGE

David E. Lord

Zeta Chapter's role at Oregon State College is strictly that of recognizing sociability, practicality, and (primarily) scholarship among undergraduate engineers. Zeta sponsors no social functions at Oregon State but confines its activities to two initiation banquets a year and the presentation of a freshman award (either as part of an initiation banquet or as a separate ceremony). The chapter is well regarded and its activities are considered befitting an honorary organization by the faculty and student body.

Membership in Zeta Chapter definitely serves as an incentive to scholarship as does the freshman award. Zeta did not present a freshman award last year but plans are under way to present this year's award as part of the Winter Term initiation banquet.

Chapter meetings consist of choosing candidates twice a year, electing new officers once a year, a "mixer" meeting for members and pledges just before initiations, and miscellaneous other meetings as may be required to distribute keys, shingles, and transact other business. Meetings are held in one of the engineering buildings on the campus, usually Apperson Hall.

About 15% of the 150 upper third junior and senior student engineers are members of Zeta Chapter of Sigma Tau at the present time. During the coming year we expect to increase this percentage to around 40%.

In the selection of candidates, each engineering department is given a quota apportioned to the total enrollment of that department. The rating of candidates is strictly informal as each candidate's qualifications are discussed informally by a committee of the members from his department. The election procedure is informal and confined to each department committee. A final secret ballot election with all members voting is carried out to bring out any objection to candidates tentatively elected by the department committees. Elected candidates are notified by the Corresponding Secretary.

Financial and historical records are complete and in good order. They are kept in a filing cabinet in the Technical Record room of the Memorial Union Building. Fees are collected just prior to initiations by the Teasurer and bills are paid by check from the Sigma Tau account at the local bank.

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ducted. Members vote for some arbitrarily assigned percentage of the pledges. Unanimous vote automatically pledges a candidate. Marked lack of support eliminates a candidate from consideration. Voting continues until a number of pledges quite close to a previously assigned number has been picked and it is quite obvious that no other will get an unanimous vote.

The pledges are required to make and polish a rail section to specifications, to draw the Sigma Tau crest, and to obtain the signatures of all the student and faculty members as part of their initiation.

George Lohr, President

December 1952

REPORT OF EPSILON CHAPTER

Sigma Tau is highly regarded by the faculty at Kansas State. Most of the faculty are members of Sigma Tau. Some were initiated while in school, and a few others have been granted alumni membership. Therefore, their interest in Sigma Tau is partly a personal one and partly recognition of a good engineering fraternity.

The biggest contribution rendered by Sigma Tau to the community of Manhattan was cleaning up an approach to the city and planting approximately fifty shrubs and trees after the flood of 1951.

During April, 1952, Mr. J. E. Schaefer, Vice-President, General Manager of the Wichita Division of Boeing Airplane Company, was initiated as an alumni member of Sigma Tau.

Sigma Tau annually sponsors St. Pat's Prom, a semi-formal all-school dance following Engineers' Open House.

At the present time, Sigma Tau is undertaking the repair of the large cement letters, KS, on K-hill. These are the letters of the college appearing on a hill Southeast of Manhattan which are plainly visible to anyone coming to Manhattan whether by train or car.

Future membership in Sigma Tau does not, to any appreciable extent, serve as an incentive to do better work on the part of freshmen and sophomores at Kansas State. Probably the reason is that they are not fully aware of what Sigma Tau is, and the requirements for membership.

To my knowledge, Epsilon Chapter has done nothing in the last two years to remedy the situation described above.

Chapter meetings are held in a particular lecture room of the Engineering Hall. Business of the chapter is the only thing taken up in the regular meetings. Special meetings are called for initiations. The members are notified of meetings by a postal card sent through the college mail two or three days prior to the meeting.

Practicality and sociability are developed by working on various committees and holding office in the chapter. Sociability is also developed by means of frequent picnics in the early Fall and Spring, and initiation banquets and smokers.

To my knowledge, nothing has been done to develop scholarship among the members.

Approximately 30% of the upper third of the juniors and seniors are members of Sigma Tau at Kansas State. No rating scale is used when considering a man for membership. Each man is considered according to his own merits. Therefore, no method of determining the number of M.E.'s, E.E.'s, etc., to be taken, is used.

General problems for consideration are: (a) Ways to make the freshmen and sophomores more aware of Sigma Tau, and so entice them to work harder for a chance to be a member; (b) Methods to get nearly all active members to every meeting; (c) Ways to develop members along the lines of practicality, sociability, and scholarship; (d) Things Sigma Tau might undertake for the school and/or community.

The records are complete and in good order. All the affairs of the fraternity are recorded. A detailed report is written and filed away upon the completion of every major function of the fraternity. This report is then used in the following years to avoid making the same mistakes over and over again.

Robert P. Bertrand, President

REPORT OF ZETA CHAPTER

The Zeta Chapter of Sigma Tau at Oregon State College is organized and functions as a purely honorary society. Due to the strength and activeness of the various Founders Societies and ehe Engineering Student Council, most services and activities performed by engineers are done through these groups rather than through the engineering honoraries. The chapter does, however, by maintaining a high standard of membership, provide an incentive

and goal for undergraduates to work for. This can be considered as our main contribution to the institution.

At the beginning of the school year we have a coffee hour for members and prospective members. This is to better acquaint the prospective members with our organization and for us to better acquaint ourselves with them. During the year we help the Engineering Student Council on various projects as needed. It has been planned to make a spring term picnic an annual affair with the chapter.

Our meetings are usually held in one of the engineering buildings or in a fraternity house. To promote better atted cean,rqem house. To promote better attendance, refreshments are served at the meetings.

We have election of members fall and winter terms. Pledge meetings are held in these terms and initiations are in winter and spring terms. The election of members is done from the list of eligible men with no regard to the percentage from any certain branch of engineering. Approximately sixty percent of the total number of students in the upper third of the junior-senior division become members of Sigma Tau.

The records of the chapter are in good complete order. These records are either kept by the officers or are left in our files in the Memorial Union Building.

S. C. Dittsworth

REPORT OF ETA CHAPTER

Our chapter is very active on the W.S.C. campus and is considered well above average in comparison with the other honoraries. Meetings are held regularly and are well attended.

In the past years we have donated to the college a few things that we consider helpful to the campus. A few of these are (1) a donation of 150 dollars to the new Student Union building to be used to buy furnishings and equipment; (2) we have placed billboards at strategic points on campus to be used by all; (3) we have erected two water fountains and helped in the general maintenance of department equipment and (4) we have helped conduct a class for freshmen in the use of the sliderule.

The presence of our chapter serves as an incentive to students to achieve high scholastic, sociability and practicality ratings so that they may become eligible to enter our chapter. The members are urged to cooperate and participate in campus activities.

In order to accomplish this, individual advertisement by individual members is one of our best methods. We also sponsor an award to the freshman engineering student with the highest scholastic record (incidently, this award was won in 1952 by Pat Tayler, one of the few women enrolled in the school of Engineering.

In addition to general business at our chapter meetings we have some special event such as a movie or refreshments. They are either held in the Student Union or in one of the college buildings depending on where a room is available. In order to get members out to the meetings, notices are posted on bulletin boards throughout the campus and in the school paper; the threat of a fine is also used.

In order to develop our members along the lines of practicality, sociability and scholarship we enter into campus activities such as the activities roundup, campus cleanup and other similar projects. Along lines of sociability we have initiation banquets twice a year and engineering dances as well as the activities of our regular meetings.

Higher scholarship is probably the greatest single contribution we make to the institution. In addition to this we have contributed projects such as bulletin boards and donations to the Union building. Then, too, our recognition of outstanding engineering students is doubtless responsible for greater incentive to study.

Our alumni members and honorary members have been very active in student affairs as well as being very proficient in their particular fields. Several of them have even been mentioned in WHO'S WHO.

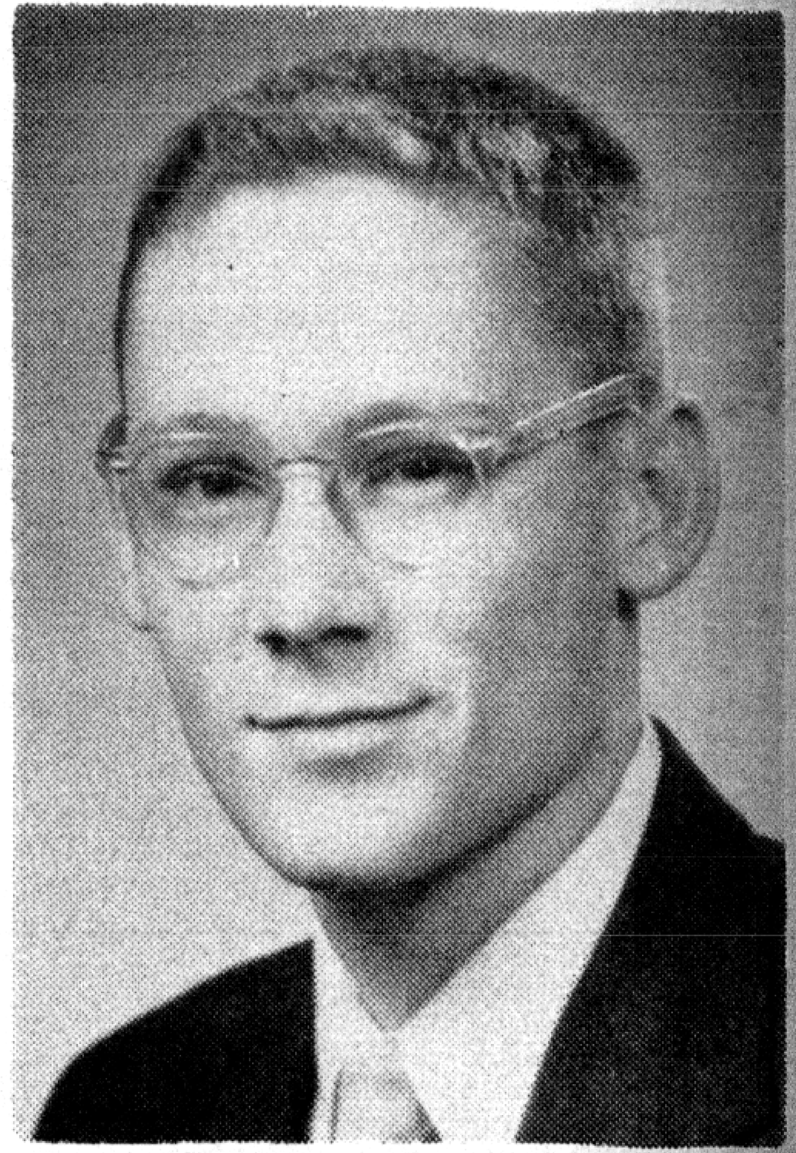
Approximately 80% of the students in the upper third of the Junior-Senior division are members of our chapter. Our election procedure consists of first obtaining the names of those eligible from the registrar, then discussion by members on the eligibility of the prospects is held. At a subsequent meeting a vote is taken and the new members notified. Our voting machine which was worked up by the electrical Engineers has proved to be quite a time saver. We do not have a segregation as to departments aside from the fact that the upper third of each department is considered eligible rather than the upper third of all engineers.

Our single largest problem is the scheduling the meetings, since there are so many other honoraries on campus. In order to remedy

UNIVERSITY OF NEBRASKA

Outstanding students at the College of Engineering and Architecture were recognized at an awards banquet which climaxed the 42nd annual Engineer's Week at the University of Nebraska.

Robert E. Peterson, Alpha 1954, of Lincoln, a civil engineer major, received the O. J. Ferguson award as outstanding senior in the college.



Robert E. Peterson

Peterson, the son of Mr. and Mrs. Ervin E. Peterson, is a member of Innocent Society and president of Sigma Tau society. He was former business manager of the Nebraska Blue Print, engineering publication, and former secretary-treasurer of the engineering executive board. He was recipient the past two years of the $300 Lincoln Steel Works scholarship.

John Vernon Skinner of Gering was awarded the Sigma Tau freshman medal, given the freshman with the highest scholastic average.

Robert Peterson, president Alpha chapter, presented the Sigma Tau class memorial, a picture of former Dean Stout of the college. The picture will be hung in the newly remodeled civil engineering building, Stout Hall.

Chemical engineers were announced as winners of the overall Engineer's Week competition and received a plaque which was presented by John Tombarge, Alpha, of Dazey, N. D., co-chairman of Engineer's Week.

Kenneth W. Philbrick, president-elect of Alpha chapter, a junior in the College of Engineering and Architecture, has received a $500 General Electric engineering scholarship for the next school year.

Only two such scholarships were given for a three-state area, which includes Kansas, Nebraska and South Dakota.

Philbrick, who is majoring in electrical engineering, is president of Sigma Tau; a member of Eta Kappa Nu; American Institute of Electrical Engineering; Delta Sigma Rho, professional speech society; and the University debate team.

He is the son of Mr. and Mrs. Floyd E. Philbrick of Grand Island, Nebraska.

Jack G. Stiehl, high ranking junior in the chemical engineering department of the University of Nebraska, has receive two outstanding awards.

He is the recipient of a $500 Dow Chemical Company scholarship for undergraduates.

Son of Mr. and Mrs. Roy T. Stiehl, Jack also received an award from the Society of American Military Engineers for being one of ten outstanding junior Air Force ROTC cadets in the United States.

Col. Joseph A. Stenglein, professor of Air Science, said this is a fine honor since the ten recipients were selected from 186 Air Force ROTC detachments.

UNIVERSITY OF PENNSYLVANIA

During the past year the Gamma Chapter of Sigma Tau at the University of Pennsylvania has sponsored quite a few service projects and social events.

The year began with a smoker to get acquainted with prospective students who were eligible for membership. After a personal interview with each candidate, a second meeting was held for the newly elected pledges of this chapter. The pledges provided the evening's entertainment. As a service project to

the school, the pledge class built a new enclosed self-service candy stand for the engineering school lounge. In the past such things as bulletin boards and trophy cases had been made. In December the initiation was held, followed by a banquet, the highlight of which was a talk by one of the professors from the business law department.

At the end of the semester in January, Gamma chapter, along with the local chapter of Tau Beta Pi, jointly held a faculty evaluation poll. These questionnaires cover all phases of the instructor's teaching, such as method, tests, homework, diction, and so on. They are handed in anonymously and given to the instructor after final grades have been posted.

The Gamma chapter, in spring, interviewed all of the previous year's freshmen engineering students in the upper third of the class to determine the recipient of the "outstanding freshman engineer" award. The recipient is chosen using the same criteria which we use in selecting members. The award is presented at the University's annual Hey Day ceremonies, along with awards to students in the other schools of the university. This award not only helps us to become acquainted with next year's prospective members, but also brings the name of Sigma Tau to the fore, as an honor well worth striving for.

Annually, the engineering schools hold an "Engineers and Architect's Day," at which students prepare exhibits for visitors. Gamma chapter awards a plaque to the department with the best exhibits. The winner of this plaque is determined by three judges and this award serves to stimulate competition between the departments.

Of course, like all the other chapters, Gamma chapter had the job of filling out the address cards for its alumni. This was a real job, since Gamma chapter is the second oldest active chapter, and consequently, have 793 alumni and active members.

As a good engineer is sociable, so the Gamma chapter has held several social events in addition to the fall parties. In March, in conjunction with four of the other honor societies, a dance was held at one of the local country clubs. This soiree proved to be a resounding social success.

The final event of the year for Gamma chapter is the annual picnic after examinations. This is the last chance the members have of getting together before graduating.

Gamma chapter has had a very successful year here at the University, keeping our name before the public by our activities, and has demonstrated our practicality by our service projects to the school.

The new officers for Gamma chapter for 1954-55 are: President, Richard Armstrong; Vice President, Eugene Fitzgerald; Secretary, Eugene H. Shull; Treasurer, Daniel DiGiovacchina.

Summer 1954

KANSAS STATE COLLEGE

During the past year Epsilon chapter initiated the outstanding men in the college. Twenty-eight new members were initiated during the Fall semester and an additional group of eight were made members of Sigma Tau during the past Spring. As a preliminary to both of these events, the chapter held a get-together smoker for prospective members, and the traditional initiation banquet followed each initiation.

The members enjoyed two picnics during the past year—one was arranged in September, and the other toward the mid-term of the second semester of the school year. During Engineer's Open House, members of Sigma Tau were active and most helpful in working on individual projects, and as a group.

The chapter sponsored a marathon for engineering students, from the engineering building on the campus to the hill outside of Manhattan, on which Epsilon Chapter maintains the huge letters "KS." The chapter annually sponsors the selection of St. Pat and St. Patricia, who reign over the entire

Open House festivities and are crowned at an elaborate ceremony which serves as a fitting climax to Open House and St. Pat's Prom.

The members of Epsilon chapter feel they had a very eventful year and are looking forward to these events and activities for the coming year.

John R. Belden, Corresponding Secretary

Editor's Note: The KS letters are 60½ feet by 80½ feet, located on a precipitous slope of Mt. Prospect, southeast of Manhattan. The chapter became the owners of the tract of land upon which the letters are built by contracting to make certain surveys and land sub-divisions for the owner. The land was deeded to Epsilon chapter upon fulfillment of this contractual agreement, and in 1948 the land acquired was turned over to the Kansas State College and accepted by President Eisenhower for the College. Thus, Epsilon chapter has had the distinction of being the only land-owning chapter of Sigma Tau.

THE STATE COLLEGE OF WASHINGTON

The Eta chapter of Sigma Tau takes an active part in student affairs during both semesters of the school year. During the summer session only a very small number of engineering students are on campus since very few engineering subjects are taught at this time.

Chapter meetings started very soon after the fall semester had started. Sixteen engineering students were initiated as a result of their previous record. They were: Theodore E. Anderson, Gerald W. Bare, Stanley W. Berglin, Gwennyn T. Burch, Jr., Louis F. Champlin, John H. Clark, Norris C. Guy, Jay W. Helm, John R. Henden, Robert L. Loundagin, Ronald E. Martinell, Eldon McClure, William M. Montgomery, Donald F. Moors, Merton V. Purnell, and Thomas R. Simons. One faculty member was selected as the new Alumni member—John P. Spielman who is the Dean of the School of Mines and Professor and Acting Chairman of the Department of Metallurgy at the State College of Washington.

The initiation was performed prior to the initiation dinner on December 6, 1953, held in the Struppler's dining hall.

There are nineteen spring semester pledges: Rahim Samir Abdul, Arlen D. Besel, Robert W. Bignold, Hugh Crisp, Eugene V. Dembiczak, Harold L. Eccles, Ward Ellis, C. Charles Evans, Jerome J. Goedde, Bernando Jaramillo, Stanley C. Jones, William J. Link, Edward J. Madle, Keith O. Putman, Ben W. Sloane, Omar W. Sommer, Paul Stoffel III, Allen G. Thurman, and Towald Trondson, Jr.

Two faculty members were selected as the most deserving for Alumni membership: Assistant Professor of Civil Engineering Leon D. Luck, and Assistant Professor of Metallurgy Servet A. Duran.

The initiation has been planned for May 2, 1954, with the dinner at the Compton Union Building on the Campus. The initiation ceremony will be performed by the newly elected officers. The new officers are: Louis F. Champlin, President; Merton V. Purnell, Vice President; Norris C. Guy, Corresponding Secretary; Ronald E. Martinell, Recording Secretary; Jay W. Helm, Treasurer; Stanley W. Berglin, Historian.

Professor Orren E. Osburn who has served as chapter advisor for a good many years was re-elected for the next year.

Sigma Tau has one representative at the Engineering Coordinating Council. John H. Clark has been chosen as the chapter representative for the next year.

The installation dinner for the newly elected officers on April 14, 1954, at the Compton Union Building was eventful with Chapter Advisor Professor Orren E. Osburn acting as the installing officer.

All Sigma Tau meetings this year have been held at the Compton Union Building and refreshments were served at the close of meetings.

The pledge work has been mainly the upkeep of Sigma Tau sponsored projects such as the drinking fountain, bulletin board, etc. However, a large part of the first semester pledge work and practically all of the second semester pledge work has been devoted to determining and recording the addresses of a large number of Sigma Tau Alumni members.

All Sigma Tau members have taken active parts in the Engineering Open House. A great many projects were presented by each Engineering Department. Although the Open House was scheduled for one day only (March 26, 1954), preparations were under way weeks before that date.

There are only about six weeks left in the spring semester till summer vacation starts. Therefore, the only important project still ahead is the initiation of the new members. However, a brotherly gesture has been made by the Rho chapter of Sigma Tau at the University of Idaho by inviting the members of the Eta chapter to the Rho chapter annual dinner dance to be held on May 15, 1954, in Moscow, Idaho.

The chapter financial standing is very good and the Freshman Award was won by Gerald Worth in the Electrical Engineering Department.

Imanta Ikstrums, Chapter Historian

UNIVERSITY OF ILLINOIS

The Theta chapter of Sigma Tau at the University of Illinois in Urbana, has carried on in normal fashion.

In the fall semester, about 250 men had made grade qualifications, 50 were pledged and 46 initiated. The spring semester initiation banquet is to be held May 12th. Twenty-six men have been pledged out of 220 who were in the upper one-third of the Jr.-Sr. classes. One of our speakers was Prof. Ralph Peck, an authority in the field of soil mechanics, chief soils engineer on the famed Chicago subway project. Dr. Peck was at one time a pupil of Dr. Karl Terzaghi, the noted Soil Mechanics and Foundation Engineer, who also recently delivered a series of lectures on our campus. Stanley H. Pierce, Associate Dean of the College of Engineering was speaker at the fall initiation banquet.

Another interesting speaker was Prof. Ambrose Richardson of the Department of Architecture, who has recently pioneered and is still carrying on research in the field of plastic domes for shelter. Prof. P. V. Marchetti, industrial psychologist, was the speaker at our recent pledge smoker. Abner B. Knight, retiring professor of electrical engineering, is scheduled to address us at our spring initiaton banquet. The recently elected officers are Gary R. Bahr, Vice President; Norman W. Nelson, Secretary; Robert W. Bain, Treasurer; Prof. Winston E. Black, Adviser.

Fraternally yours,

John B. Morgan, President

UNIVERSITY OF COLORADO

On April 2, 1954, Professor C. H. Shumaker, Lambda chapter, vice president of the American Society of Mechanical Engineers and chairman of the industrial engineering department at Southern Methodist University, was in Boulder for a regional conference. At a meeting of Iota chapter, he presented a thought-provoking talk on collective bargaining for engineers and scientists. Professor Shumaker believed that a situation of this kind, which is rapidly expanding, would tend to throttle the creative thinking which is inherent in engineers and scientists. The talk was enjoyed by all the members present.

Iota chapter erected a trophy case in the main hall of the Engineering Administration building. This case is to house the various trophies which are awarded to the top departments in the annual Applefest and Engineers' Days festivities.

On May 16, Iota chapter initiated 25 new members to bring the chapter roll up to a total of 94 members. Following the initiation was the customary banquet attended by members and their wives or dates. The banquet was held in the spacious Glenn Miller Ballroom of the new Memorial Center. The

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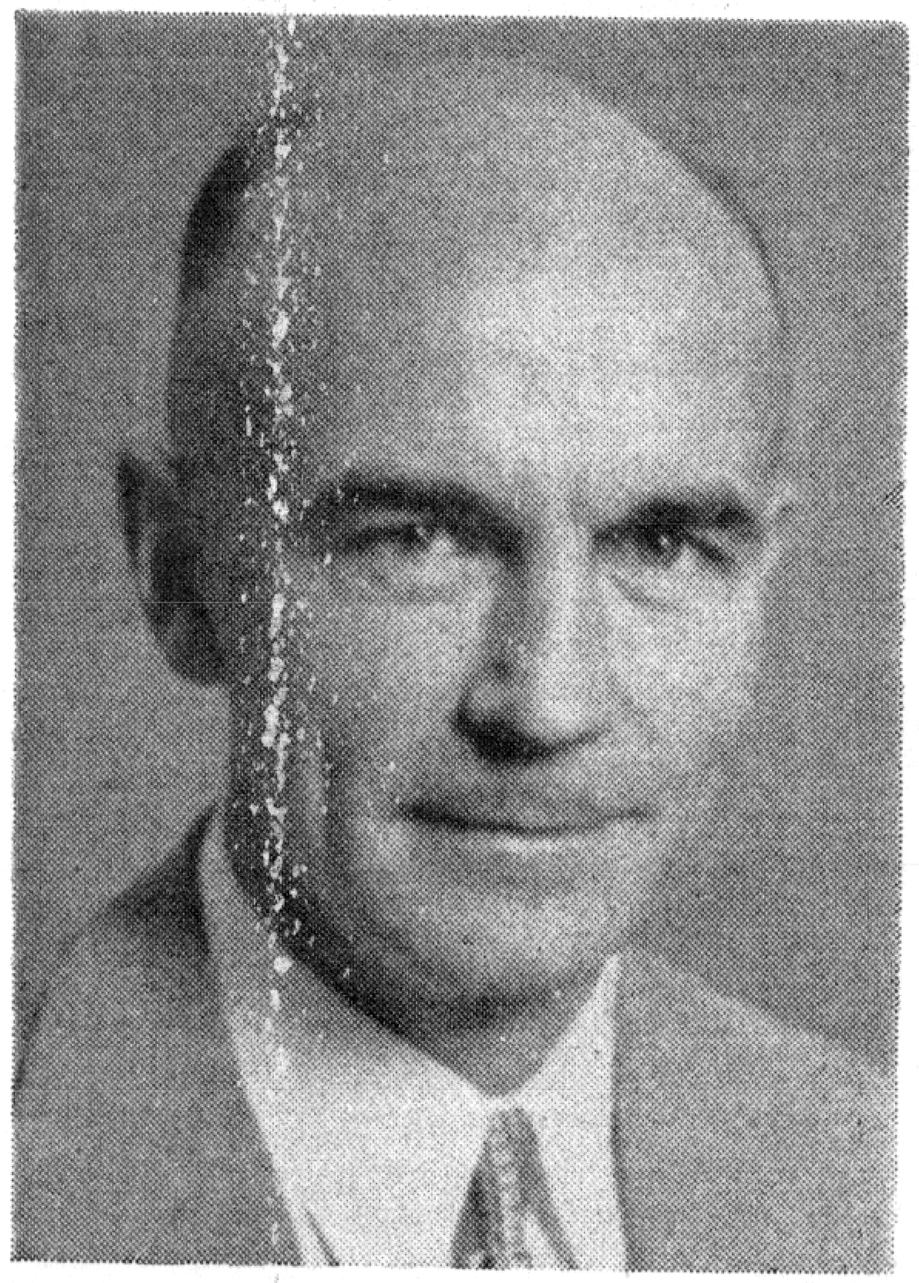
journals and the Encyclopedia Americana. His home is at 8 Fairfax Terrace, Chatham, New Jersey, where he is an elder and former trustee of the Ogden Memorial Presbyterian Church.

PAUL S. BALLIF, Rho '25
Member of Fellowship Committee



The word **Idaho** is of Indian origin and means "Gem of the Mountains." The state is rugged, narrow, wide, and long—some 485 miles. Five hundred and thirty-four square miles of its area of 84,313 square miles is water. The state has many resources, an ideal climate, and the people are especially proud of their state, not so much because of its material wealth, but because of the exceptionally fine character of the people who live there.

Paul S. Ballif, a more recent addition to the Sigma Tau Fellowship Committee, is a product of this Idaho environment. He was born at Whitney, Idaho, in 1898 and, after the usual pre-university training, entered the University of Idaho where he was graduated in Mechanical Engineering in 1925. He returned to receive his professional M. E. degree in 1932. While in college he was elected president of Rho Chapter and served during the school year 1924-25. His interest in Sigma Tau has been maintained these many years by his membership in the Sigma Tau Alumni Association at Washington, D. C.

Ballif was just under the wire in 1918 and was accepted for military duty during World War I. He was located in Washington, D. C., for many years, where he was associated with the work of the National Bureau of Standards. While there, he engaged in several research projects in the field of aerodynamics, and pursued with considerable vigor his hobbies of golf, fishing, and gardening. He was a member of the Philosophical Society of Washington where he served on various committees and was a leader of several discussion groups.

He was recently transferred to Colorado where he became Chief of Engineering Services for the National Bureau of Standards. His home is at 1225 Mariposa, Boulder, Colorado.

Fall 1954

AS I RECALL THOSE EVENTS
STANLEY A. SMITH, Epsilon "13"*

How well I remember that warm spring evening in 1913 when I was the first undergraduate initiate of the newly installed Epsilon Chapter of Sigma Tau at Kansas State. Little did I realize though, at that time, that this would lead me to such active and interesting work as I had in the early days of the Fraternity. As I remember back I was not conscious of much except that I was being given a pretty "rough" initiation. The Sigma Tau initiation ceremony of those days was quite different from today. Quite appropriately our present day ceremony is much more dignified and without the "rough-house."

After graduation that spring, I went back in the fall of 1913 to Kansas State to teach. I substituted for an instructor who was to be away on leave for one year. However, I continued to teach the next year and again the next and before I knew it I was a died-in-the-wool "school marm" which I still am.

One of my fellow instructors at Kansas State that year was Fred A. Wirt who had been very active in the work of Sigma Tau at Alpha Chapter in Lincoln, Nebraska. Wirt and I became very good friends and with our common interest in Sigma Tau held many a "bull session" as to what could be done to improve and expand the Fraternity in whose ideals we both believed.

The spring of that year saw the first Conclave of Sigma Tau held at Lincoln, Nebraska. I did not attend but I remember that Fred Wirt did, and I remember vividly his return from Lincoln. He came to my office and announced that I had been elected to be the Associate Editor of the newly formed magazine of Sigma Tau, the Pyramid. C. A. Bennett of Omaha was to be the Editor in Chief of the Pyramid and Al Gonsior of Chicago the Business Manager. This first issue was devoted almost exclusively to the story of the first Conclave.

The second year, Bennett resigned, leaving me as the Editor-in-Chief and Gonsior as the Business Manager. Our magazine, at that time had high ambitions, we even sold space for professional cards. However there was not enough business of this sort to warrant its continuance through many issues. There were only 420 alumni at the time of that first issue, January 1915. There was, however, one very active alumni group, the Chicago group, under the able and enthusiastic guidance of the Pyramid Business Manager, Al Gonsior.

In 1916 the second Conclave of Sigma Tau was held, this time at Manhattan, Kansas. I remember I represented N. Y. Neeley of Pennsylvania, by proxy. He was a member of the Grand Council

(Continued on Page 28)

STANLEY A. SMITH, Epsilon '12
National Secretary-Treasurer—1918-1924

Stanley Smith appeared first in Brookville, Kansas, and before entering Kansas State College he concluded his high-school work at Salina. He was graduated in 1912 with a B. Sc. degree in architecture and has been a professor of architectural engineering since 1927.

Smith is a member of many organizations; his social fraternity is Beta Theta Pi. He has been a long-time fellow in the American Institute of Architecture and has been identified with the American Society of Engineering Education since its early days.

His first teaching experience was at Kansas State Agricultural College where he was an assistant professor from 1913-1920. He was a member of the faculty and head of the department of architecture at North Dakota Agricultural College from 1920 to 1923, when he left to become head of architectural engineering and college of architecture at the State College of Washington, 1923-47. He has been head of the architectural engineering department at Washington State University since 1947.

Smith's article on his early recollections of Sigma Tau speaks for itself. In spite of Professor Smith's ever-growing professional obligations and duties, he never was too busy to meet his many commitments to Sigma Tau. The Fraternity has needed men like Smith and others who sought no honors and accepted their offices only that they might accomplish some worthy objective.

(Continued from Page 27)

but because of the distance could not attend. I also recall that this Conclave selected the present key design. Prior to this time the Fraternity had had as its insignia a pin. The key design selected, however, was a modification of this pin.

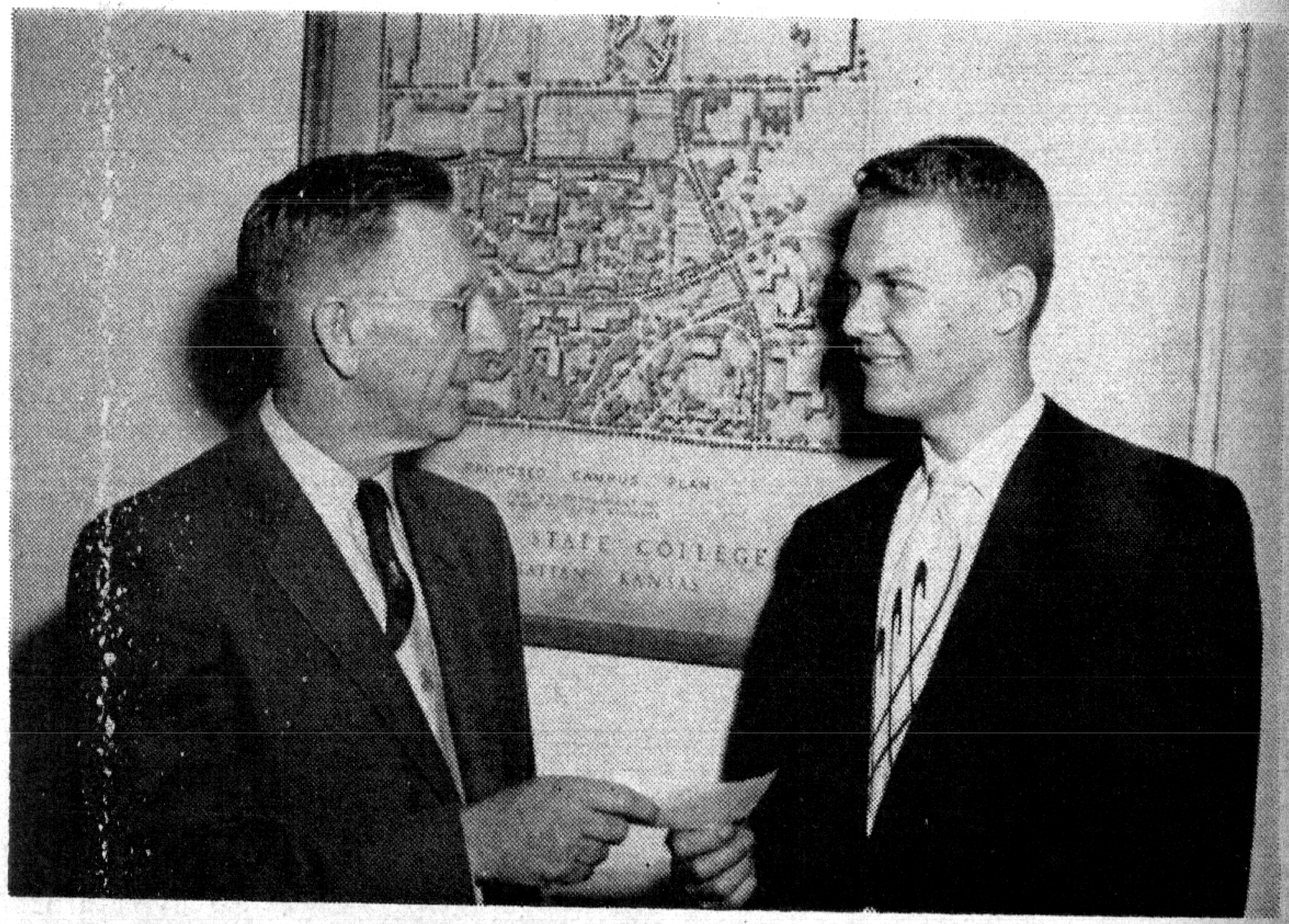
(Continued on Page 30)

DR. WALTER J. WOHLENBERG, Alpha '10
National Council and National President, 1912-1924

Rarely has it been the good fortune of any organization to have on its national council and as its national president such a stalwart member as Dr. Wohlenberg.

Dr. Wohlenberg, who has been Dean of the School of Engineering, and Director of the University Division of Engineering at Yale University since 1948, is a native of Nebraska. He did his undergraduate work in mechanical engineering at the University of Nebraska and received his B. Sc. degree in 1910. After a few years with the Westinghouse Machine Company, he resumed his studies at the University of Illinois and took his Master's degree there in 1914, where he was instrumental in organizing the Theta Chapter petitioning group. For the next two years he held a post as assistant professor of mechanical engineering at the University of Oklahoma, leaving this to assume a similar position at the University of Montana. In 1918 he received an appointment at Yale, where, since 1930, he has been Sterling Professor of Mechanical Engineering, the first to occupy this chair. His work at Yale has been uninterrupted save in 1940, when he served as a special lecturer on heat transfer by radiation at Purdue University. Since 1920 Wohlenberg has also been a consulting engineer on steam-generating equipment. In recognition for his outstanding achievements, the University of Nebraska conferred upon him a Doctor of Engineering degree in 1937, together with a citation which designated him a "pioneer investigator and world authorty on heat transfer by radiation."

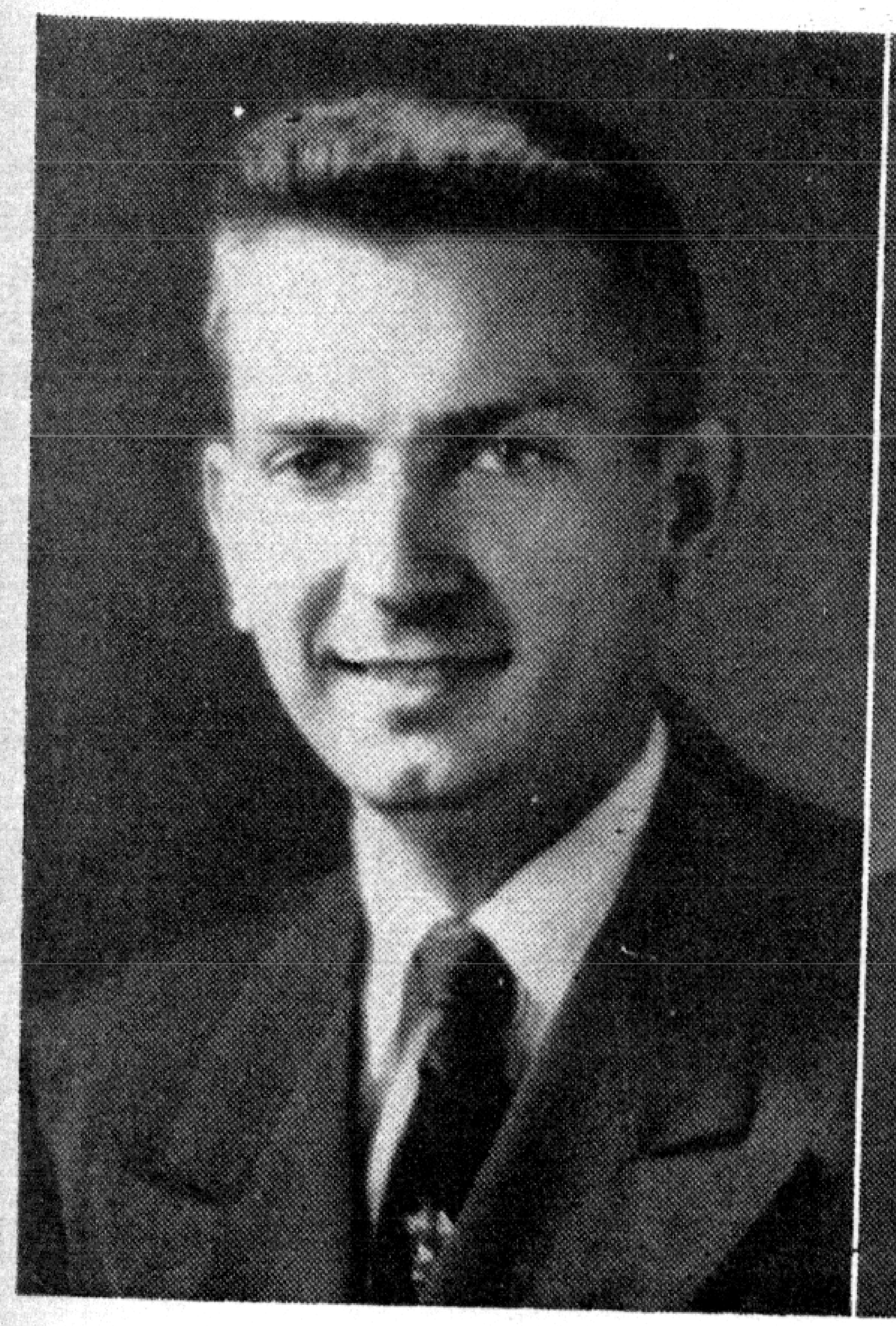
Dean Wohlenberg became a member of the Grand Council of Sigma Tau in 1912 and became Grand President in 1916 and served until 1924. In commenting on this early experience, he reports as follows: "I believe I was the lone representative of Sigma Tau at the installation at the University of Pennsylvania in 1911. My chief recollection of that affair is attendance with the Pennsylvania group



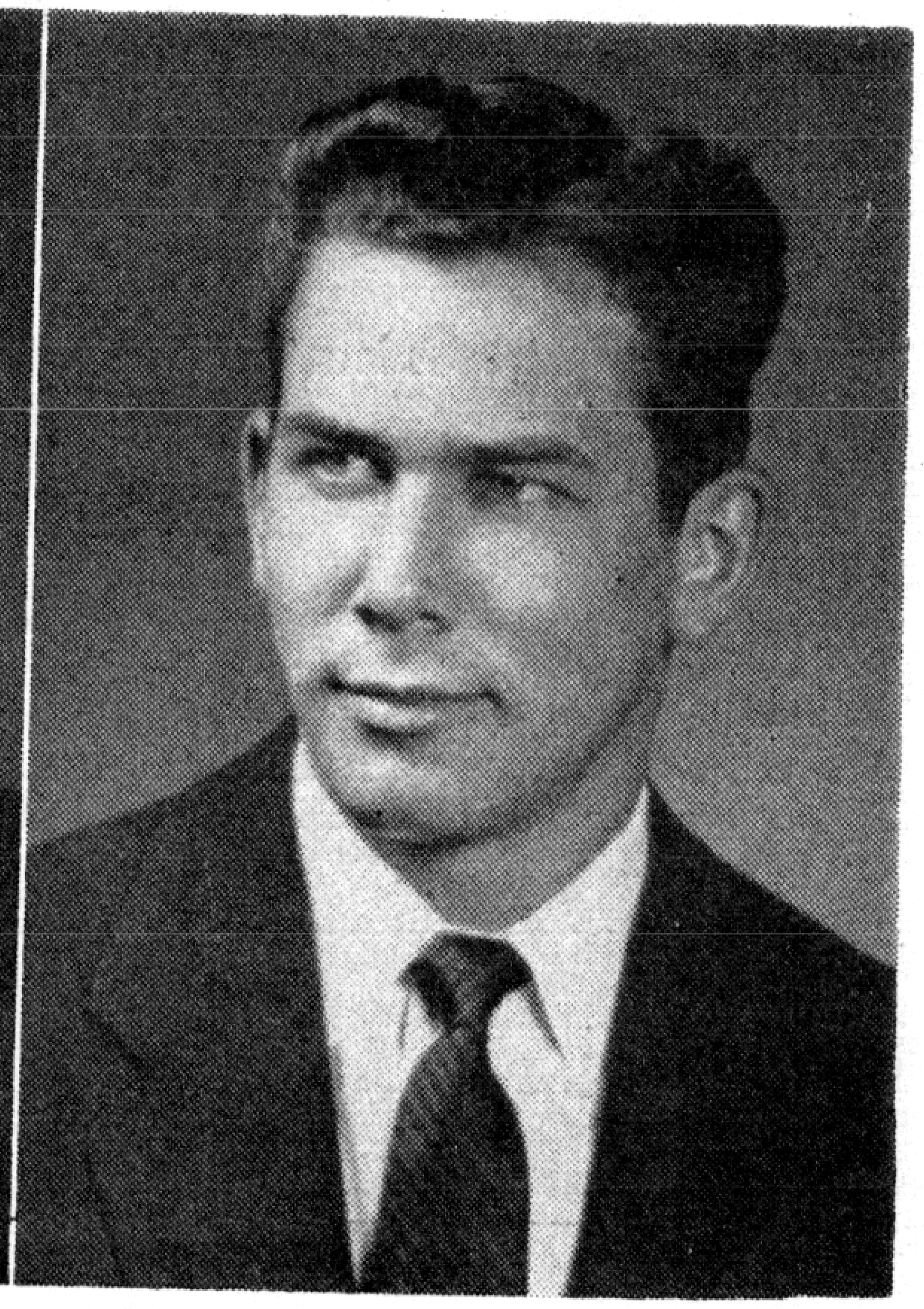
Dr. Reed Morse, Chapter Advisor, Epsilon Chapter, presents Sigma Tau Foundation check to Richard Horton.

Richard Horton, a junior in mechanical engineering at Kansas State College, has been announced as winner of a $100 Sigma Tau Foundation grant-in-aid provided by L. F. Kepley, vice president of the Inland Construction Company of Omaha, Nebr. Horton was selected over applicants from K-State, Nebraska University, and Kansas University. He is an honor student, is active in the student branch chapter of the American Society for Mechanical Engineers, and is the newly elected president of the Engineering Association. He is shown receiving a check from Doctor Reed F. Morse, chapter advisor.

Summer 1955



Bryce B. Miller



Robert G. Tointon, Jr.

BRYCE B. MILLER

Bryce Miller, retiring president of Epsilon Chapter of Sigma Tau, has distinguished himself as a student at Kansas State College. Coming to K-State from Wichita, Kansas with a Bachelor of Science degree from McPherson College, Bryce has maintained a high scholastic record in Industrial Engineering and was awarded a scholarship in his freshman year.

Besides working part-time for the college, he has devoted much time and effort to making the annual Open House a success, and was Co-Chairman of the K-Hill Project. He was also instrumental in founding a local chapter of the Society for the Advancement of Management.

He is also a member of Steel Ring, Phi Kappa Phi, S.A.M., Alpha Psi Omega (National Drama), an associate member of the Kansas Engineering Society and served on the Engineering Council at K-State.

When he isn't spending his leisure time with his wife, Bryce can be found playing championship volleyball and golf.

ROBERT G. TOINTON, JR.

Robert Tointon, a civil engineer from Almena, Kansas, has left a lasting impression on the campus of Kansas State College which

will long be remembered after his graduation this August. It is a rare occasion to find a student possessing such outstanding qualities as Bob in the 4-S's of college life—Scholarship, Sports, Student politics and Social activities.

From his freshman year he has amazed both faculty and fellow students by his continued display of academic excellence while maintaining a more than full schedule of extra-curricular activities. Freshman recognition, freshman award, sophomore honors and a Boeing scholarship were climaxed by being chosen as a Senior Leader of the graduating class and as Senior Class President.

Bob is a member of Blue Key, Phi Kappa Phi, A.S.C.E. and of course, Sigma Tau. Unlike many students who find added activities too demanding and eventually drift into a passive inactive membership, Bob has kept himself above this and was active on every occasion and at each of the meetings held.

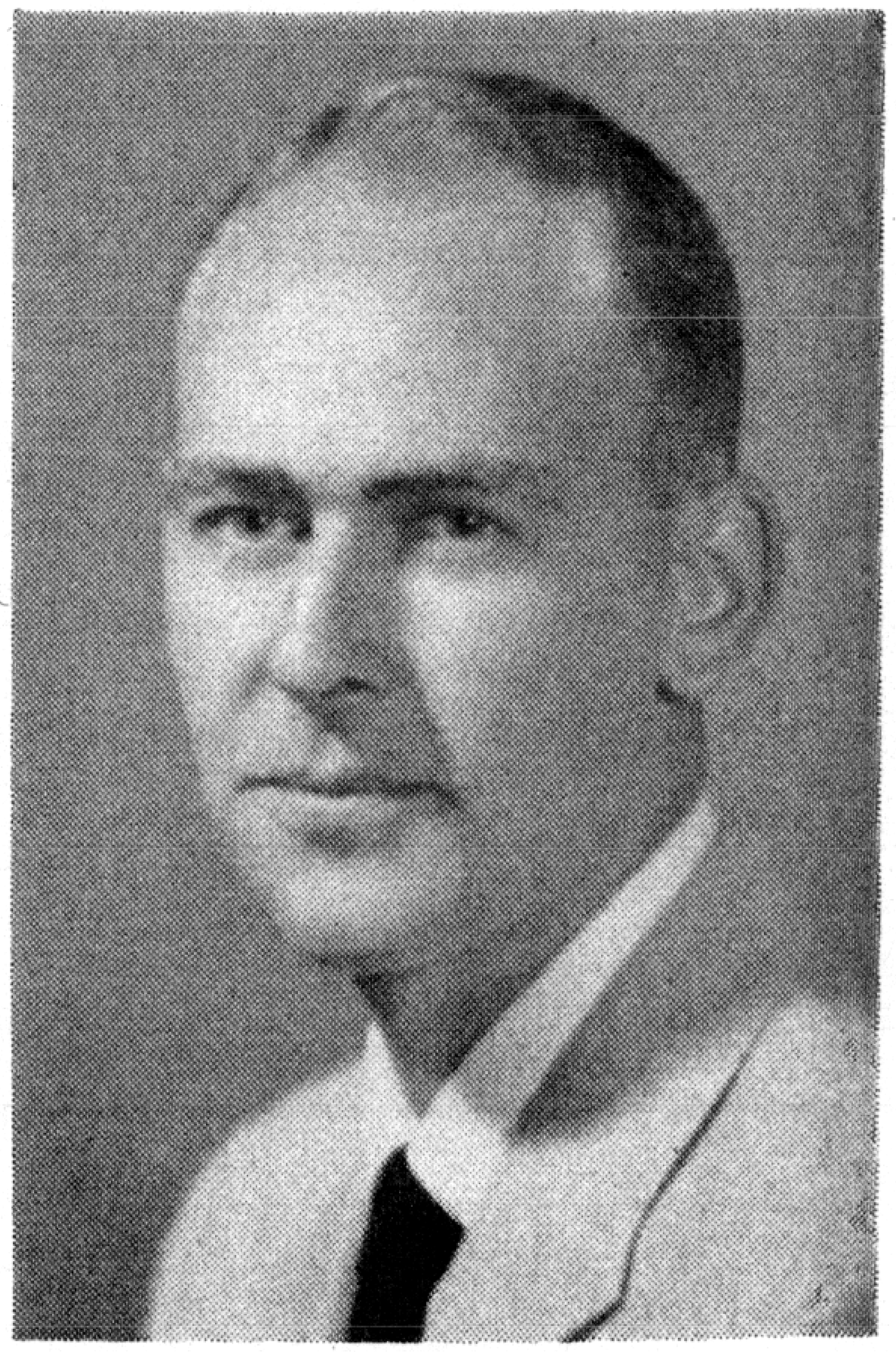
This constant association with his fellow students led him to become familiar with student-campus problems, and eventually led him to form a new political party in his junior year. This organization, the Integrity Party, virtually swept all other candidates aside in the last campus election. Needless to say, Bob, as president, was instrumental in this landslide. He has also helped the student cause as a member of the Student Council, Faculty Council on Student Affairs, Engineering Association president, Independent Student Association president, and Rocky Mountain Region of the Independent Student Association president.

His leadership was also recognized in other diversified activities which resulted in his being elected Editor of the KANSAS STATE ENGINEER, president of House of Williams, Intermural manager and appointed a Lt. Colonel in the Air Force ROTC.

Besides being busy with these activities and keeping a 2.6 out of a possible 3.0 grade point average, Bob found time to carry out a list of less impressive, but none-the-less important campus-service and community projects. All of this did not interfere with his lighter social life, since he was proud to announce his recent engagement.

Bob is a quiet, unassuming chap with an engaging personality; the last person to talk about his achievements. Truly an outstanding Sigma Tau.

VIRGIL E. CARRIER, Epsilon '55



As retiring Vice President of Epsilon Chapter of Sigma Tau and a graduating senior, Virgil Carrier was recently cited for his achievements in making the 31st Annual Open House at K-State a tremendous success. As manager for this event, Virgil toured the state with a small group of students to present radio and TV shows promoting the Open House. As a result, over 21,000 people attended the two-day affair—the largest in its history.

His research and paper on Thermoelectric Generators, presented at the A.S.M.E. student conference held at the University of Oklahoma this spring, netted him a first-place award and college recognition.

Besides being a member of Sigma Tau, Virgil was active in Pi Tau Sigma, A.SME, Kansas State Engineering Council, and served as Co-Chairman of the K-Hill Project

He is married and a Korean veteran. Working part-time on Campus Planning for the College Maintenance Department, Virgil has gained some practical experience for his future as a Consulting Engineer for E. E. Hysom & Associates, Consulting Engineers of Wichita, Kansas.

Summer 1956

EPSILON CHAPTER SELECTS THREE

The committee responsible for the selection of the outstanding member of Epsilon Chapter at Kansas State College could not narrow their selection to one man so picked three men this year as being equally deserving of the citation. The three men selected are Glen R. Horton, Donald H. Lenhert and Gary B. Rogers.

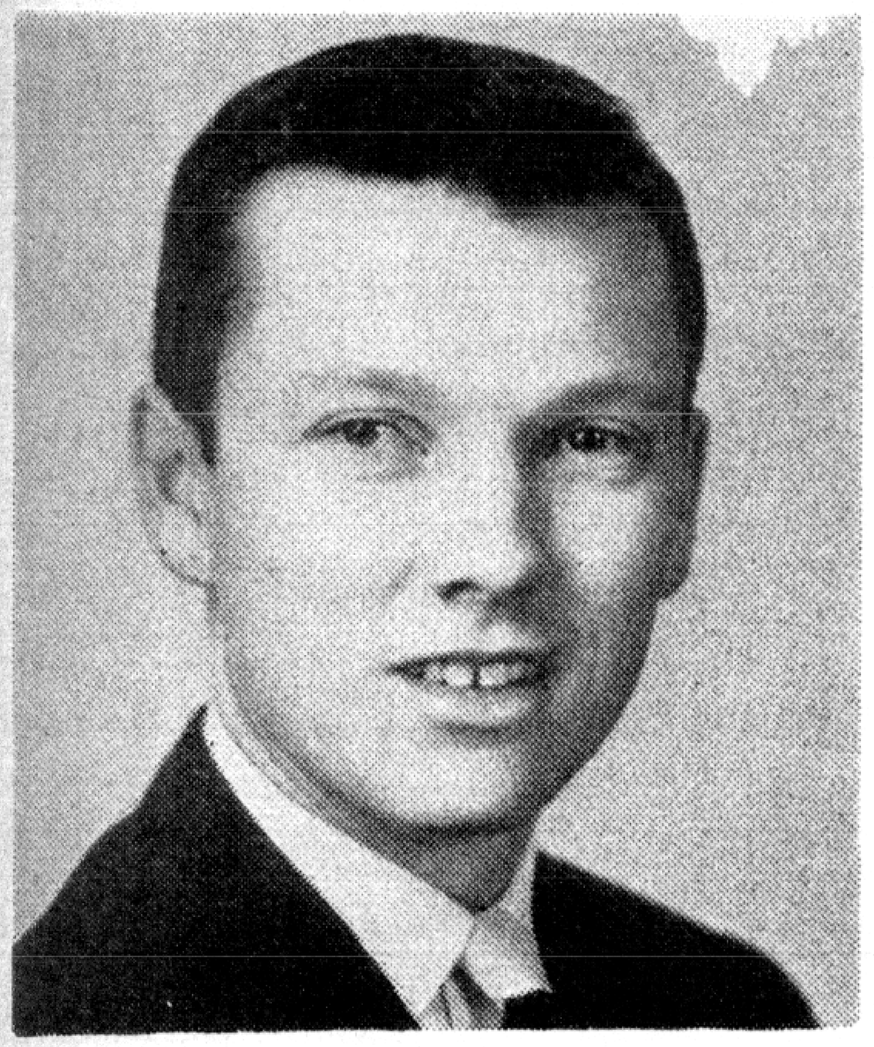
Glen R. Horton graduated with honors in Mechanical Engineering. He was a member of the ASME, served as vice-president of Sigma Tau, was secretary of Pi Tau Sigma, member of Phi Kappa Phi, and president of the Engineering Council. He was selected as an outstanding student in AFROTC, and was a member of Arnold Air Society. He received a $100.00 Kepley Sigma Tau Foundation scholarship, and was the first to receive the newly established $500.00 Mechanical Engineering departmental scholarship. He also won the sectional ASME paper contest, and will enter the national contest with the paper "Film Cooling of Turbine Blades."

Gary B. Rogers is in the Chemical Engineering where he graduated with high honors. He is a member of the Beta Theta Pi fraternity, Steel Ring, Sigma Tau, American Institute of Chemical Engineers, Phi Lambda Upsilon and Phi Kappa Phi. He has also participated in the band and in the Student Council. He was named one of the 12 outstanding military students in the country and has won a national science contest. He plans to do graduate work in his chosen field of chemical engineering.

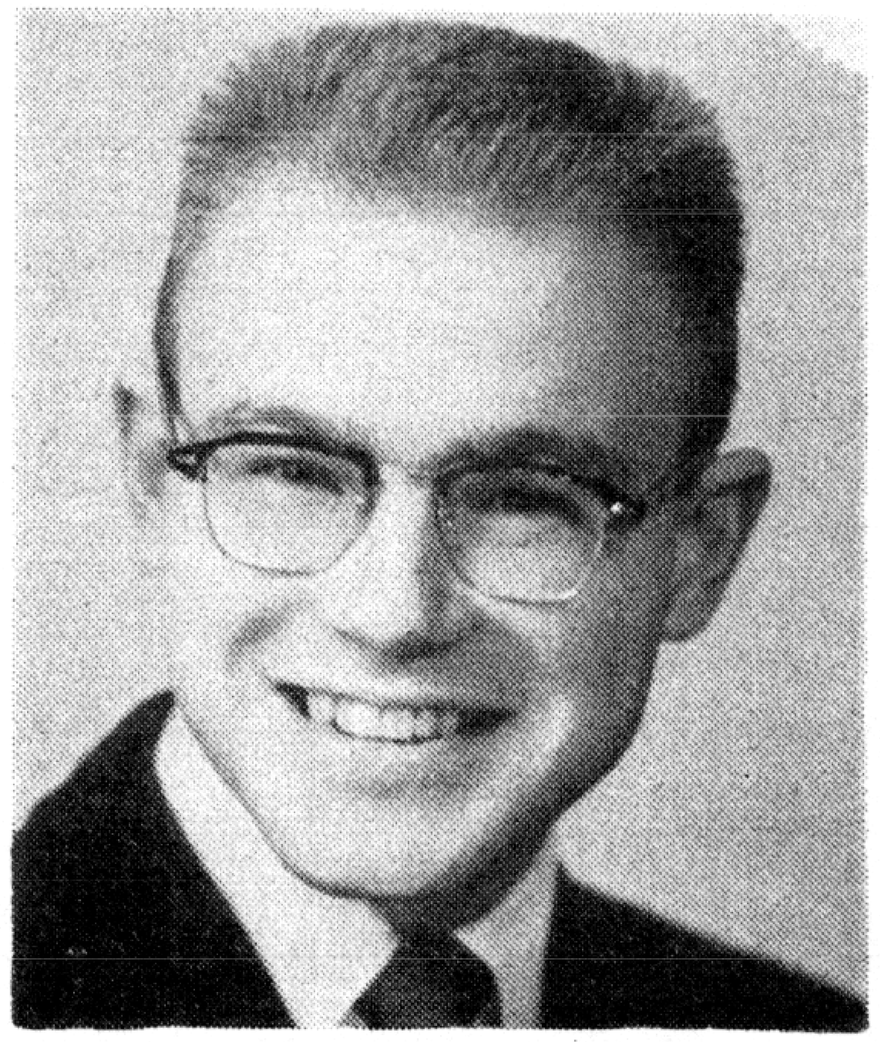
Donald H. Lenhert graduated with honors in the Electrical Engineering Department. He has been an officer in Alpha Phi Omega, Eta Kappa Nu, Sigma Tau, AIEE, IRE and Phi Kappa Phi. He was a member of both the Engineering Council and the Student Council. He was an honor AFROTC military student, a member of the Arnold Air Society, and an officer in Pershing Rifles. He has received a $500.00 scholarship from Boeing and a $750.00 scholarship from the Magnolia Oil Company.

ZETA'S MOST OUTSTANDING SENIOR AND JUNIOR ENGINEERS

Zeta's choice for outstanding senior of the year is Gary Sheldon. Gary is a senior in mechanical engineering and has compiled 3.75 G.P.A. during his four years at Oregon State College. In addition to being active in Sigma Tau, Gary has taken active interest in Tau Beta Pi, Pi Tau Sigma, Pi Mu Epsilon, Phi Kappa Phi, and the American Society of Mechanical Engineers.



Gary Sheldon—Zeta



Dave Beadling—Zeta

Probably the most outstanding member of Zeta Chapter of Sigma Tau is a junior, Dave Beadling. Dave, a member of Delta Tau Delta, is studying civil engineering under a Freightliner scholarship. Dave has maintained a 3.60 G.P.A. while being active in Sigma Tau Blue Key, Tau Beta Pi, Phi Kappa Phi, Engineering Student Council, Student Life Committee, Student Senate, American Society of Civil Engineers, co-chairman of the Engineers' Ball, and the Society of American Military Engineers. He was recently awarded the junior award as the outstanding engineer in the Army R.O.T.C. by the Society of Military Engineers.

IOTA CHAPTER'S RONALD WILLIAMS, '58

By keeping an almost unparalleled scholastic record and, at the same time, being an active participant in numerous campus activities, Ron Williams has achieved an enviable record in his three years on campus. Serving as this year's assistant editor for the Colorado Engineer is typical of his ability.

Ron, who is majoring in engineering physics and business management has been in many activities which include the Religious Workers Association, advising for Welcome Week, and Alpha Phi Omega service organization. He is also a member of the ASUC Spiritual Development Commission, vice president of Independent Students Association, and has been president of the Methodist Wesley Foundation.

Numerous honoraries have recognized Ron. These include: Phi Epsilon Phi, sophomore mens' honorary; Sumalia, Junior mens' hon-

in American Colleges and Universities and recently was awarded the title "Outstanding Student" by the Students Engineering Joint Council for his interests in professional accomplishment and achievement in scholarship, leadership and professional development as an undergraduate student.

Fraternally yours,
J. W. Hindorff
Pyramid Correspondent

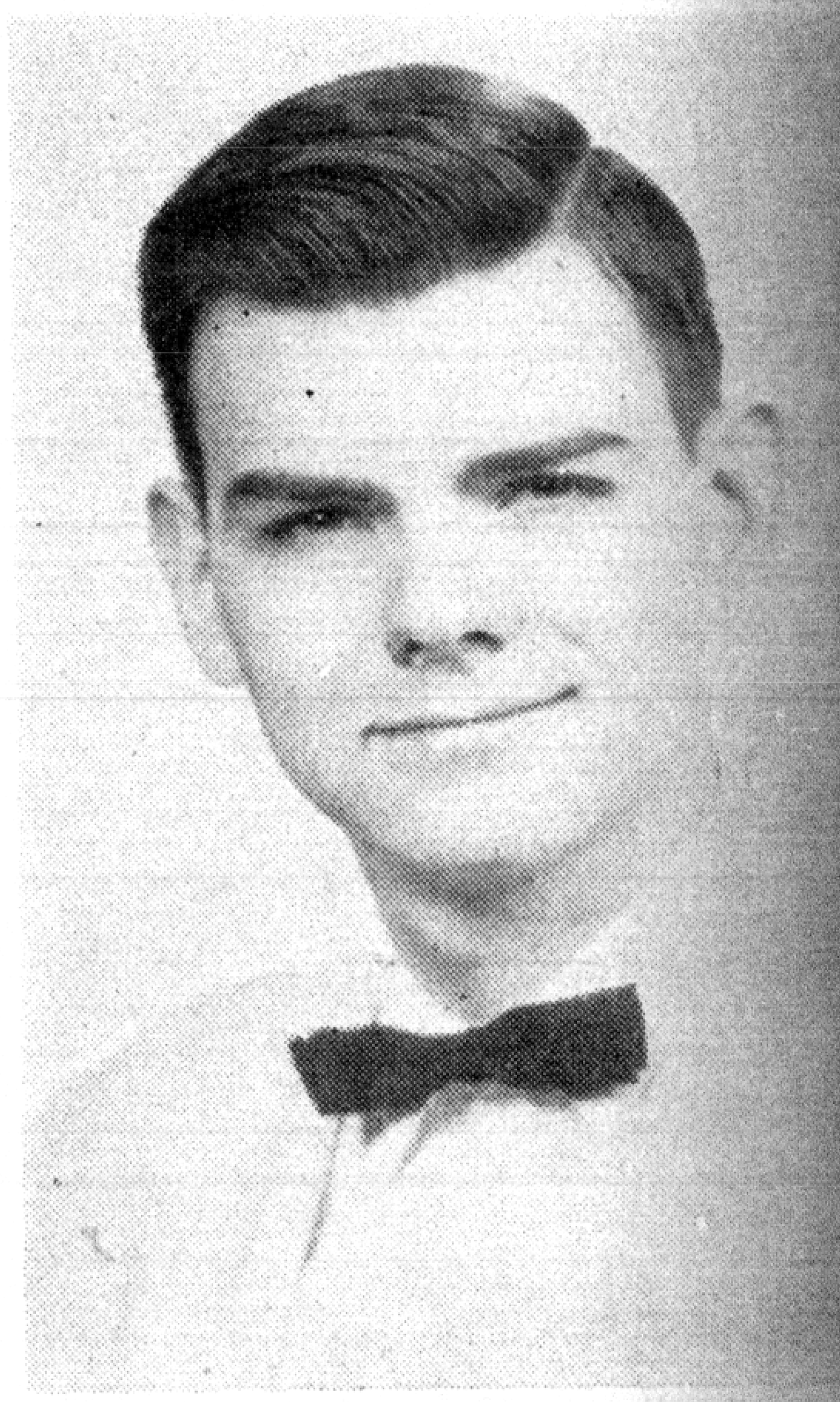
Summer 1958

EPSILON CHAPTER — KANSAS STATE COLLEGE

Epsilon Chapter at Kansas State College has selected the following officers to serve for the school year 1958-59:

President	Dale G. Kaufman
Vice-President	Delmer Hayes
Secretary	Ralph D. Cozine
Treasurer	Matthew White
Chapter Adviser	Prof. E. C. Lindly

PHI CHAPTER'S THEODORE R. HARPLEY



Theodore R. Harpley was recently chosen as recipient of an award presented to the outstanding Senior Engineer at The University of Akron. This laurel was apropos, climaxing a highly successful college career.

Ted was born in Bath, Ohio, attended Akron area schools, and was graduated from Cuyahoga Falls High School in 1952.

Now a Senior in the School of Electrical Engineering, he holds memberships in Sigma Tau, Ohio Society for Professional Engineers, Institute of Radio Engineers, and Omicron Delta Kappa, Senior men's honorary. As an additional honor, Ted has been selected as a Junior Rotarian. Ted has served as Treasurer of the Phi Chapter of Sigma Tau and Vice President of the Student Chapter, Ohio Society of Professional Engineers. He also was chosen by the faculty of the College of Engineering as the outstanding Senior to receive the Robinson Award—a cash award presented annually to an Engineering Senior.

He worked on the initial design and layout of the University radio station, doing all the wiring, and has served as President, Program Director, and Chief Engineer for that organization. Also, Ted has worked part time at several local radio stations, broadcasting such events as the Soap Box Derby and the Goodyear Wingfoot basketball games.

Somehow, Ted has managed to write for the campus newspaper, The Buchtelite; served his Senior class as Treasurer; participated in the University Theater and, in his "spare" time, built a speech delay unit for the campus speech clinic.

This amiable Senior, whose orbit is well established, has accepted a job in electronics with the General Electric Company after graduation.

CHI CHAPTER—UNIVERSITY OF NEW MEXICO

Chi Chapter at the University of New Mexico has had a successful and busy year. They have initiated thirty-six men and at their regular monthly meeting held in May, the following officers were elected to serve the chapter during the coming year:

President—Jack E. Bresenham
Vice-President—Lee Roy Lunsford
Corresponding Secretary—James O. Boardman
Recording Secretary—Paul K. Wormeli
Treasurer—Charles E. Weld
Pyramid Correspondent—Pat E. Tolmie
Chapter Adviser—Professor William R. Gafford

ALPHA GAMMA CHAPTER CONDUCTS SUCCESSFUL SLIDE RULE COURSE

The Sigma Tau chapter at New Mexico College of Agriculture and Mechanic Arts has been of great service to the school and to the students of the college by offering a slide rule course. This is one course that the college does not offer and it certainly is an asset to any engineering student. The college has looked very favorably on the presentation of the course. Both the heads of the different engineering schools and the Dean of Engineering have given the course their encouragement and support.

The first course started in the fall semester of 1957 and was attended by seventy-two interested students. The first problem to meet was, of course, obtaining instructors. Seven members of Sigma Tau volunteered their services. These men were Dick Summerford, Alvin Thomas, John Jones, Ronald Whalin, Jim Barrett, Carl Mapes, and Bill Young. The second problem encountered was obtaining slide rules for all interested people. The students had to purchase their own

were initiated.

On February 20, 1959, Delta Chapter, at special initiation ceremonies, inducted as an alumni member Mr. John D. DeBoer, a 1922 graduate in Electrical Engineering from the South Dakota State College. Mr. DeBoer, a prominent professional engineer of Columbus, Nebraska, was one of the invited guests — and the principal speaker — at the Engineers' Smoker-Banquet, which was the climax of Engineers' Week on the campus of South Dakota State College.

Dr. Charles A. Lundquist, a 1949 graduate in Engineering Physics from South Dakota State College of Agriculture and Mechanic Arts and a Past-President of Delta Chapter of the Sigma Tau Fraternity, was the guest speaker at South Dakota State's annual Engineers' Dinner Dance, held on April 10, 1959. Dr. Lundquist is currently Chief of the Physics and Astro-Physics Office of the Army Ballistics Missile Agency at Huntsville, Alabama, where he has made an intensive study of satellite orbiting problems for Dr. Wernher Von Braun's team of experts.

At the Annual Dinner Dance, Donald E. Jares, Electrical Engineering Senior and immediate Past-President of Delta Chapter, was presented the Outstanding Engineer's Award for the year. He was selected from a group of senior engineering students by a board of faculty members from the Engineering Division of South Dakota State College on the basis of scholarship, participation in college functions, and promise of future attainment. The photograph herewith shows Dr. Briggs, President of South Dakota State

College of Agriculture and Mechanic Arts, presenting the Outstanding Engineer's Award to Brother Jares.

Delta Chapter elected the following officers for the 1959-60 school year:

President	Larry L. Windedahl
Vice-President	Donald J. Lang
Recording Secretary	Ladislaus A. Pokorney
Corresponding Secretary	Lowell A. Van Den Berg
Treasurer	Stanley J. Reiners
Historian	Fredrick R. Bolton
Pyramid Correspondent	Marlowe F. Hawkinson

REPORT OF EPSILON CHAPTER

Summer 1958

By Roy L. Harder, President

The activities of Epsilon Chapter for the school year 1958-59 — and a brief explanation of each activity's purpose — follows:

Fall Smoker, October 7, 1958 — for the purpose of acquainting students (eligible to pledge Sigma Tau) with the active members of Epsilon Chapter — and for the purpose of selecting the pledge class from the eligible students.

Fall Pledge Work Week, October 20-25, 1958 — for the purpose of allowing the pledges to demonstrate their desire to work for the organization. The week was climaxed by the cleaning and painting of the KS letters on K-Hill.

Fall Initiation Banquet, November 13, 1958 — for the purpose of initiating and honoring the pledges who completed the requirements for membership into the fraternity.

Tea for St. Patricia Candidates and Smoker for St. Pat Candidates, February 22, 1959 — for the purpose of selecting the final candidates to be presented for election at St. Patricia and St. Pat.

Final Elections of St. Patricia and St. Pat, March 5-6, 1959 — for the purpose of the election of St. Patricia and St. Pat by the students in the engineering school.

Opening Ceremony for Engineers Open House, March 13, 1959 — for the purpose of sponsoring the official ribbon cutting and the opening of the annual Engineers Open House.

Marathon Race and St. Pat's Prom, March 14, 1959 — for the purpose of presenting activities in conjunction with and climaxing the Engineers Open House.

Spring Smoker, April 7, 1959 — for the same purpose as the Fall Smoker.

Spring Pledge Work Week, April 20-25, 1959 — for the same purpose as

the Fall Pledge Work Week.

Spring Initiation Banquet, May 5, 1959 — for the same purpose as the Fall Initiation Banquet.

Election of Officers, May 14, 1959 — for the purpose of electing new officers for the next school year. The following officers were elected to serve during 1959-60:

President	Roy L. Harder
Vice-President	Terry L. Parsons
Treasurer	John C. Counter
Recording Secretary	William D. Kastner
Historian	Duane E. Walker
Corresponding Secretary	Karl K. Stevens

REPORT OF ZETA CHAPTER

By Kenji Nishioka, Secretary

Zeta Chapter did not have any unusual activities during the past school year.

Thirty-six new members were pledged in November 1958, and these pledges were formally initiated into the fraternity on January 28, 1959. They were entertained at a banquet that same evening.

On February 19, 1959, an election for new officers was held and the officers elected were as follows:

President	Edward G. Bennett
Vice-President	Laurence L. Moon
Secretary	Kenji Nishioka
Treasurer	Eldon H. Graham
Historian	John K. Carswell
Pyramid Correspondent	Robert A. Watrous

In April 1959, twenty-three new members were pledged. They were formally initiated on May 26, 1959, and later that evening a banquet honoring the new initiates was held.

This completes the report on the basic activities of Zeta Chapter for the past school year.

REPORT OF ETA CHAPTER

By Larry A. Esvelt, Corresponding Secretary

During the past school year, Eta Chapter initiated 36 new members, of which 33 were active members and 3 were alumni members. The Fall Initiation was held on December 13, 1958 and the Spring Initiation was held on April 30, 1959.

The new officers of Eta Chapter — as elected for the 1959-60 school year — are as follows:

President	Gerald E. Johnson
Vice-President	Charles W. Boning
Corresponding Secretary	Larry A. Esvelt
Treasurer	Fritz H. Kohne
Pyramid Correspondent	Clifford M. Akin
Historian	Charles D. Shaul
Engineer Coordinating Council Representative	Norman G. Kelln

REPORT OF THETA CHAPTER

By Bill K. Langford, Pyramid Correspondent

The following officers for the school year 1959-60 were elected by Theta Chapter:

President	Darrell L. Gieseking
Vice-President	John E. Meese
Secretary	Bill K. Langford
Treasurer	Charles T. Case
Pyramid Correspondent	Louis J. Lanzerotti
Historian	Francis E. Greeley, Jr.

During the year, Theta Chapter initiated 66 new active members, 44 being initiated on January 6, 1959, and 22 being initiated on May 14, 1959. No alumni members were initiated during the year.

REPORT OF IOTA CHAPTER

By Richard L. Brening, Recording Secretary

The election of the new officers of Iota Chapter was held on March 5, 1959, and the following were elected to serve for the school year 1959-60:

President	Robert E. Warmuth
Vice-President	Theodore L. Rodrick
Historian	David A. Green
Recording Secretary	Richard L. Brening
Pyramid Correspondent	Richard D. Wallis

Iota Chapter's Fall Initiation was held on December 14, 1958, at which time 32 new active members were initiated. The Spring Initiation was held May 14, 1959, and at that time 42 active members were inducted into membership.

Basically, the individual is evaluated on the impression he makes at the smoker, although, by using his background sheet a better evaluation can be made of him. We decide whether he can benefit from being a member as well as whether the fraternity can benefit from his membership. The morning after the smoker the individuals are notified by personal letter of their election to membership.

The following questions are submitted for consideration: (A) Would it be possible to make the shingle a standard size, say 8"x 10"? (B) Who constitutes the nominating committee, and how are the nominees for the National Council selected?

REPORT OF DELTA CHAPTER

By Dennis L. Gortmaker, President

Delta Chapter at South Dakota State College presently has a membership of 17 active members and 25 alumni members. Twenty-six students are now pledging Sigma Tau.

Members are elected in the fall and spring. Candidates are nominated for membership, and there is usually quite a number nominated. The following week the election of new members is held. At this meeting the nominees are discussed and voted on. A formal letter is then sent to those elected, extending them an invitation to join Sigma Tau.

A first pledge meeting is held in which an information sheet is passed out. This sheet gives instructions concerning initiation. Pledges are requred to write a formal letter of acceptance, take a test covering the Sigma Tau constitution and general engineering knowledge, make a pledge sheet and draw the Sigma Tau emblem on it, and make a rail section. The rail section is to be worn while obtaining 75% of the signatures of the active and alumni members. A suit and tie must be worn. The fall initiates are also required to write articles for the *Sigma Tau Journal*, while the spring initiates must clean and polish the Sigma Tau monument.

Climaxing the initiation procedure, formal initiation ceremonies are carried out followed by a banquet with a speaker. The keys and shingles are presented at this time.

Meetings are held whenever necessary. They are held in a room in the Engineering Hall. The meeting is opened with the formal opening ceremonies, is carried on by parliamentary procedure, and is adjourned with the formal closing ceremonies. Members are notified of meetings by placing a notice on each bulletin board in Engineering Hall. Occasionally an executive meeting is held to make general plans for the organization. Several times throughout the year noon luncheons are held to bring about more sociability among the members.

A major project of Delta Chapter is the annual publication of the *Sigma Tau Journal*. The *Journal* contains articles pertaining to the professional and the honorary engineering organizations. Also included are articles relating to general campus activities: Hobo Day (SDSC Homecoming), intramural sports, music, and religion. Special emphasis is placed upon Engineers' Open House which is held each year in conjunction with National Engineers' Week.

As previously stated, articles for the *Journal* are written by fall initiates as a part of the initiation requirements. When these articles are turned in, the editors begin planning the layout of the *Journal;* they decide how much space is to be allowed each organization and do any cutting and revising of the articles that may be necessary. Usually there are two editors—a senior, and a junior who will be the head editor the following year. Any assistance they may need—from the time the articles are received until the *Journal* is completed—is furnished by fellow members of Sigma Tau.

Copies of the *Sigma Tau Journal* are sent to members of the mathematics and engineering faculty, freshmen and sophomore engineers, parents of SDSC engineering students, and South Dakota high school students who have indicated an interest in engineering.

Other activities of Delta Chapter include giving the Sigma Tau Award Medal to the outstanding freshman engineer at the Engineers Smoker. Members participate in Scholarship Day. They help with counseling those high school seniors interested in engineering. Delta Chapter helps promote E-Day, which is the last Wednesday of each month. On E-Day, all engineers wear a suit and tie to signify that the field of engineering is a professional group. Chapter members also help in sponsoring Engineers' Week.

At South Dakota State College, Sigma Tau—like the rest of the organizations on campus—has an account at the Activity Office of the College. All incoming funds are placed in this account; and all bills are presented to this Office and paid by them after proper authorization by the chapter treasurer.

The Chapter's funds are obtained from the fees paid by new members. This is the only way that funds are obtained. Publication costs of the *Sigma Tau Journal* are paid for in part by the Division of Engineering because the *Journal* is used for publicity purposes.

Last year a loan fund was set up for the use of new members who were in need of money for initiation fees. The executive committee is responsible for appropriating this fund when necessary.

Currently, there is $222.65 in the treasury of Delta Chapter. We have no special problems at this time.

In the past couple of years, two alumni were initiated into Sigma Tau. Alumni faculty members are not active, aside from the fact that some do come to the initiation banquets. The most complete and current addresses of alumni members can be found in the Engineering Dean's Office or in the Admissions and Records Office.

One of our '62 graduates received a $2500 Phi Kappa Phi scholarship. Five such scholarships were awarded throughout the entire nation. He is now studying at Purdue. Two other graduates of last year received grants to study at Massachusetts Institute of Technology through an Air Force program.

Several years ago, a crest representing the fraternity key was made and it hangs in the Crest Room in the Student Union Building. Last year, a gavel was made with the inscription "Delta Chapter of Sigma Tau" engraved on it.

As a goal for this year, we plan to draft a set of by-laws for Delta chapter. Another goal is to promote closer relationships between the upper-classmen and under-classmen.

Fall 1962

REPORT OF EPSILON CHAPTER

By Vincent E. Sweat, President

The 1962-63 school year is an anniversary year for Epsilon Chapter of Sigma Tau at Kansas State University. This marks the 50th year for the chapter and the 100th anniversary of the university.

The membership of Epsilon Chapter includes 60 alumni, and 35 active members. There are 48 pledges.

Pledges are selected each fall and spring from juniors with a grade average above 2.9 and seniors with a 2.8 average or above. (A 4.0 average is perfect.) About two-thirds of these men are selected by the active members to be invited to a smoker where they meet the members and are told about the requirements for membership, selection of members, and activities of the chapter. Immediately after the smoker, the members vote on the rushees by secret ballot. Rushees are notified of acceptance or rejection by telephone.

Pledge duties during "Hell Week" include carrying a paddle and a box of treats for active and alumni members who sign the signature notebooks. Pledges must wear a hat with a band of blue and white ribbon. They carry a rail section around their necks using blue and white ribbon. Pledges are required to procure signatures of 75% of the active and alumni members. This percentage proved to be too high to be practical this fall, so a change is expected for the spring pledges. Also, some

alumni on campus have questioned this practice of obtaining signatures.

The final official pledge duty is the whitewashing of the 80′ by 50′ concrete KS letters on K-Hill south of Manhattan.

The erection of a U beside the present KS is the chapter project this year. This is a fitting centennial project since the school changed its named from Kansas State College to Kansas State University only five years ago. The chapter should receive much recognition and publicity throughout the state from this project. A cost estimate is being prepared at this time.

Epsilon Chapter traditionally selects two outstanding faculty members for alumni membership each year.

Sigma Tau has charge of the ceremony which officially opens the annual Engineer's Open House in the spring. The chapter sponsors the St. Pat's Prom the same weekend and selects the finalists for St. Pat and St. Patricia who serve as royalty for Open House festivities and the St. Pat's Prom. St. Pat and St. Patricia are elected by the engineering students.

Epsilon Chapter meets once a month, and additional meetings concerning special activities are also held. Attendance is a problem at times, due to the many other activities on campus in which Sigma Tau members participate.

REPORT OF ZETA CHAPTER

By Patrick L. Rickard, President

Zeta Chapter of the Sigma Tau Fraternity was established at Oregon State University, then Oregon Agriculture College, in 1913. From that time until the present, Zeta Chapter has become well known among the upper classmen at Oregon State. At present the active chapter members are endeavoring to make Sigma Tau well known among all engineers on campus. A program has been proposed which would make all freshmen engineers aware of the presence of engineering honoraries and give them a goal to strive for through their undergraduate years.

This year Zeta Chapter is setting up a Scholarship program for freshmen students which will be supported by contributions from alumni members and local fund raising projects. We hope that this program will become permanent and expand through the years.

Zeta Chapter takes an active part in the Engineering Student Council where the planning for social functions and programs directly related to engineers takes place. The local chapter encourages its members to actively participate in the many professional engineering societies on campus. These factors, we feel, help develop the members along the lines of practicality and sociability.

Zeta Chapter, in conjunction with the local chapter of Tau Beta Pi, annually sponsors an Outstanding Freshman Award. Participants for this award are first selected on a basis of scholarship. Each participant is then asked to submit a report of all his extra-curricular activities. Final selection is then made with the aid of the student's professors.

Two initiations are conducted each school year. The first is held in the fall term and the second in the spring term. Questionnaires concerning extra-curricular activities are sent out in the fall to approximately the top 25% of the seniors who are not members and to approximately the top 5% of the juniors. Elections are then made with the aid of these questionnaires and personal references of present members. The students are then informed by mail that they have been extended the opportunity to pledge Sigma Tau. The personalized letter includes a return card on which they may accept or reject. The pledges are then informed of the date of the pledge meeting, which is set approximately four weeks prior to the initiation. At the pledge meeting the pledges are given an information sheet, a list of the active members, a list of the faculty alumni members, and a constitution booklet. The first three items are to be compiled in a booklet with the signatures. These booklets are judged at the time of initiation and recognition is given to the most outstanding one. The pledge test is given just prior to initiation. Initiation is conducted in the approved manner and a banquet with a speaker follows. The shingles and keys are presented at the banquet. The spring initiation is conducted in the same manner, questionnaires are sent to additional seniors and approximately 20% of the juniors.

Graduate students, in general, are not considered as possible members. A large portion of the graduate students are alumni members.

Zeta Chapter did not initiate any alumni members during the 1960-62 biennium.

The chapter does not maintain a file of the current addresses of the alumni. The most complete file can be found in the Alumni office in the Memorial Union Building at Oregon State University.

Thirty-four faculty members at Oregon State are Sigma Tau alumni members.

The chapter records for Zeta Chapter are kept in the Memorial Union Building Room 218 throughout the year. This year, the files will be carefully examined and established in good order.

Zeta Chapter collects initiation fees at the time of the pledge meeting or no later than initiation. Bills are paid by the treasurer at the time of purchase or within the month. Zeta Chapter currently has $250.00 on hand and another $250.00 on an interest free loan to the industrial engineers. This loan was made to the industrial engineers to help them finance the engineers-in-training program. This note is due May 1, 1963.

Zeta Chapter had twenty-one active members at the beginning of this school year.

Chapter meetings are held in a central location on campus, usually in Dearborn Hall. Officer reports, committee reports, and new business are conducted at the meetings. Members are notified of the time of the meeting by mail.

There are a few questions Zeta Chapter would desire to have the Biennial Conclave discuss or consider, as follows:

(A) Is there a definite procedure followed by the National Council in making the local chapters aware of possible alumni members? If not, we feel there definitely should be.

(B) What type of fund-raising projects are approved?

(C) Does the National Council endorse service projects?

(D) What methods have been found most satisfactory for insuring attendance at meetings?

REPORT OF ETA CHAPTER

By R. Micheal Allert, Chapter Member

Eta Chapter of Sigma Tau in the past two years has done much to insure that it is an organization which is known on the campus. To name a few of our activities: We have held a high school visitation in which seniors from neighboring high schools spend a day on the Washington State University campus as guests of Sigma Tau. They are given complete tours of the facilities of the College of Engineering, and at noon they attend a banquet at which a member of the engineering faculty gives a short talk.

We are now planning a television program depicting the College of Engineering at Washington State University. This will be presented over a local station in February to commemorate both National Engineering Week and the Fiftieth Anniversary of Eta Chapter.

Sigma Tau elects a delegate to the Engineering Co-ordinating Council, and therefore has an active participation in the senior Convocation and the Engineering Open House.

Our most popular function is the initiation banquet held jointly with Tau Beta Pi. Each semester it is well-attended by active members and wives or dates, as well as by faculty members.

At Washington State University, Sigma Tau has become well-known also through interest aroused among underclass engineering majors. In many cases, students strive

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When the pledges are initiated in a few weeks, their initiation fees will double the present treasury, which will be more than enough to cover the year's expenses, including the costs of (1) sending a delegate to the National Conclave, (2) a membership banquet, and (3) an end-of-the-school-year picnic in the spring.

REPORT OF DELTA CHAPTER

By Victor E. Anderson, Vice-President

The Delta Chapter of Sigma Tau is located at South Dakota State University in Brookings, South Dakota, a town of 11,000 persons, 4,000 of whom are college students. Approximately twenty percent of the students are enrolled in engineering. At the present time, Delta Chapter has 25 faculty members and 13 active members, 1 of whom is a junior and 12 of whom are seniors. Meetings are held regularly once a month and oftener when necessary. The meetings are held in Engineering Hall and are advertised by posters and word of mouth. As an incentive to good attendance, absent members are often stuck with committee jobs.

The Chapter has initiation ceremonies for new members in both semesters. The initiates are nominated by active members from a list of eligible candidates based upon grade points. These nominees are then voted upon negatively and any nominee having two or more negative votes is refused membership. Formal letters are sent to each of the accepted candidates and letters of acceptance are sent by the candidates in return. Most students usually accept when invited, but occasionally some decline for financial reasons or other reasons.

The pledges make a rail section from a steel blank. This rail is made from ASCE specifications for a 60# rail and is worn around the neck during a week set aside as "initiation week". Other pledge requirements include the memorizing of the preamble to the Constitution of the Fraternity, the memorizing of the names of local and national officers, the acquiring of knowledge of the Fraternity's Constitution and its provisions, the taking and passing of a test written by Delta Chapter, and the acquisition of the signatures of a representative number of the active and alumni members on a specially prepared and standardized pledge sheet. "Initiation week" officially ends with the formal initiation and a banquet.

Sigma Tau is relatively well known at South Dakota State University among the upper-classmen engineers, but other than that Sigma Tau is rather an unknown and sometimes misunderstood fraternity on the campus. Membership in Sigma Tau is, however, considered a distinct honor among the engineers, and we hope that this may help contribute to more outstanding scholarship. Each year, Delta Chapter presents an award to the Outstanding Freshman Engineer. This student is selected on the basis of practicality, sociability, and scholarship, the bases of outstanding achievement as recognized by Sigma Tau.

Delta Chapter of Sigma Tau takes a very active part in "Engineers Week" at South Dakota State University, which is held in conjunction with "Engineers Week" on a national scale. The *Sigma Tau Journal* is published and distributed, with financial help from the Engineer's Joint Council, by the active members of Delta Chapter. The *Journal* is sent to all engineers at the University, to their parents, and to high school seniors who have shown an interest in engineering. The *Sigma Tau Journal* contains sections about each division of engineering as well as other campus activities at the University. The new pledges are assigned a good deal of the writing of the articles. The *Journal* is very well received and is considered the most important contribution made by Delta Chapter on the campus. Approximately 2,000 copies were distributed last year and as many or more are planned for the coming year.

Delta Chapter annually sponsors a candidate in the "Miss South Dakota State University" contest. Last year's candidate won and placed third in the Miss South Dakota contest.

When school is not in session, the Chapter's secretarial and financial records are kept on file in the office of the Chapter Advisor. The double-entry bookkeeping system is used and the books are audited once during each school year. Bills are paid by the Activity Accounting Office of the University after the invoice has been signed by the Chapter Treasurer. A voucher must be obtained before making a purchase except in special cases. Receipts are deposited with the Activity Accounting Office. The only source of income for Delta Chapter is the fee paid by the new initiates. With the financial help for the *Sigma Tau Journal,* no financial difficulties have been encountered.

Files on alumni members are not kept by Delta Chapter. This was tried at one time but proved unsuccessful. Each engineering department now endeavors to keep an active record of its own graduates.

The members of Delta Chapter of Sigma Tau are very proud of their organization, and justifiably so. It is the only organization on campus that honors the outstanding engineering students of all engineering departments. The members are proud of their accomplishments and are confident of the continuing value of membership in Sigma Tau.

Fall 1964

REPORT OF EPSILON CHAPTER

By Lyle D. Krehbiel, Vice-President

Epsilon Chapter has always been active in campus affairs at Kansas State University. It was instrumental in the erection, on a hillside near Manhattan, of the letters "K S", which can be seen for miles around the campus. Epsilon Chapter has assumed the responsibility of maintaining the decor of these University symbols, and it is through this semi-annual event that the Chapter has received the most publicity. The job of maintenance consists of clearing brush from around the letters and then whitewashing the "K" and "S". This perhaps sounds like a relatively simple task, but there are two complicating factors to be dealt with. First of all, the letters are approximately 100 feet in height; and, secondly, they are precariously perched on a hill approaching a seventy degree slope. This latter factor necessitates that those attempting to whitewash the letters must literally dangle from ropes which are lowered over the top of the hill (and hopefully securely anchored). With all due consideration to the nature of this task, it was decided early in the Chapter's history that this semi-annual event constituted a marvelous task for the pledge class. Therefore, twice a year, dangling before awe-struck students and newspaper photographers, the Sigma Tau pledge class takes buckets of white wash and tosses them in the general direction of the "K" or "S" (but usually more specifically on some pledges immediately below them). Then, with the aid of brooms, they spread the whitewash over the area of the letters; and again the University's symbols shine with immaculate whiteness.

Being a Chapter of broad scope, Epsilon Chapter participates in other events which are open to the University as a whole. Every year Epsilon Chapter hosts an exhibit in the "Engineer's Open House" and, in conjunction with the Open House, sponsors a University-wide Saint Pat and Saint Patricia dance.

In addition to the aforementioned functional activities, Sigma Tau at Kansas State University serves a very real, but intangible role. This role, which cannot be measured in engineering terms, consists of the improvement of student-faculty relationships specifically and, in general, a better presentation of the School of Engineering to the Campus as a whole.

Through Sigma Tau members, the Campus can glimpse and perhaps appreciate some of the characteristics the Fraternity hopes to cultivate in Engineering students. Through the Engineering Open House, University students can take a measure of the practicality and ingenuity exhibited by many of the Engineering students. By sponsoring activities such as the Saint Pat and Saint Patricia Dance, by closer relationships and friendships within the Fraternity itself, Sigma Tau attempts to develop in its members an attitude of sociability. By having high standards scholastically, and by making Sigma Tau the type of honorary Fraternity to which Engineering students want to belong, the Fraternity develops among its members, and among hopeful aspirants, a feeling of academic responsibility. Along these lines, Epsilon Chapter offers an annual award to both a Freshman and Sophomore student, each

of whom has demonstrated outstanding practicality, sociability, and scholarship.

Having once developed among the Freshman and Sophomore Engineering students a desire to belong to Sigma Tau, the selection of new members follows a rather prescribed course. First of all, invitations are sent to all scholastically eligible Engineering students (who have atttained a classification of at least Junior standing) to attend a Smoker. At the Smoker, the active Chapter members attempt to ascertain whether or not the invitees meet requirements as to practicality and sociability. Immediately following the Smoker, the active members vote on the acceptance of each prospective member. It was at this point last year that Epsilon Chapter evidenced considerable difficulty in that nearly forty percent of the prospective members were "black-balled" by one vote. Following this harrowing experience, Sigma Tau National Vice-President George W. Forman was consulted and it was suggested that requiring two "black-balls" would perhaps be a more feasible requirement. Since that time, however, no similar difficulty has been experienced. Once a prospective member has been accepted, he is so informed personally by an active member of Epsilon Chapter.

The Historian of the Chapter keeps a file of the current addresses of the alumni members. An alumnus member—who is currently Dean of Engineering at Kansas State University—was recently initiated. Sixty-three members of the faculty are members of Sigma Tau, but only one of these, the Chapter Advisor, works actively with Epsilon Chapter.

At the present time, the Chapter files are in excellent shape. Last year, the records were converted so as to be accommodated by the computer and the records are now stored via IBM cards. Thus changes can easily be made and the complete Chapter file can be reprinted at will. These records are kept in the office of the Chapter Advisor.

Financially, Epsilon Chapter is in excellent condition. Each pledge pays his initiation fee before he is initiated at a general pledge class meeting. All authorized bills are presented to the Treasurer who then pays them. Currently there is approximately $400.00 in the treasury.

At the beginning of the school year there were 49 active members of Epsilon Chapter. Recently, 40 students were pledged. When they are initiated, the Chapter will have 89 active members.

Chapter meetings are held in a lecture room in the Engineering Building. Discussions cover business applicable to the Chapter, such as the "Engineering Open House", painting the "K S", etcetera. All meeting times and places are posted on a special Sigma Tau bulletin board in the Engineering building, and as many members as possible are personally contacted.

REPORT OF ZETA CHAPTER

By Michael D. Dennis, President

Sigma Tau is a well-known organization in the Engineering School at Oregon State University. It competes with the other all-engineering honorary fraternity, Tau Beta Pi, and generally with an honorary fraternity and a professional society in each of the School's departments. Consequently, Sigma Tau maintains as its primary purpose the furthering of its objectives through honoring top engineering students, thus offering a high goal to those who have such ambitions.

Zeta Chapter now has 33 active members. There are also 28 alumnus members who are members of the faculty, but they generally do not take an active part in the Chapter's affairs. One faculty member has been initiated since 1962. Although records of the Sigma Tau alumni are not kept by the Chapter, it would be possible to obtain current addresses at the University's Alumni Office. All of the Chapter's records are kept in good order the year around in the Chapter Advisor's office.

Two initiations are held each year and 3 chapter meetings are associated with each initiation. Members are notified of each meeting by a postcard. Attendance has been fairly good (60%-70%).

The purpose of the first meeting is to organize the members for initiation. At the second meeting, the new initiates are chosen. The third meeting, of course, is the initiation and banquet. Additionally, numerous informal meetings of the Chapter officers are held to plan Chapter activities.

Selection of prospective new members is made from a list of the top one-third of the students in engineering. Depending upon the number of new members desired, Juniors are usually selected from about the top ⅛th of their class (3.4 average) and Seniors from the top 1/5th (3.1 average).

An information sheet is sent to the prospective members which asks about their activities and interests. The active members meanwhile inquire about these men from the faculty. The second meeting is then held to examine the qualifications of each prospective member and to vote on their acceptance or rejection.

Notice of selection is sent by a formal letter and reply is made by an enclosed postcard. Those that accept come to an orientation meeting where they pay their initiation fee and fill out the necessary membership forms. They are also instructed on their pledge duties which consist of making a small book about Sigma Tau which includes the signatures of nearly all faculty and undergraduate members. A general test in respect to the Sigma Tau Fraternity is given at initiation.

Officers are elected after the second initiation. This causes a problem because if a new initiate is elected, he has had no chance to become familiar with his work.

Zeta Chapter is in excellent financial shape with over $650 in the treasury which has accumulated from initiation fees. Bills are paid through a checking account handled by the Treasurer.

Zeta Chapter is striving to initiate some activity which will give Sigma Tau membership more meaning, help to attain the Fraternity's goals, and make the Fraternity better known among engineers. A large scholarship program is being considered, but other ideas gathered from this Conclave will also be helpful.

REPORT OF ETA CHAPTER

By Roger K. McMillan, Chapter Member

Eta Chapter of Sigma Tau, located at Washington State University, Pullman, Washington, is an honorary fraternity stressing sociability, practicality, and scholarship. Sigma Tau and Tau Beta Pi are the two honorary fraternities open only to engineering students.

Each year Sigma Tau and Tau Beta Pi hold a joint banquet in the fall and spring semesters. At these banquets, recognition is given to the new members of each organization. Each organization alternately arranges for the banquet or for the main speaker. The attendance is usually around 140; and the banquet is free of cost to any undergraduate Sigma Tau member. These banquets, while giving recognition to the new members within the fraternities, do not place the achievements of these men before the entire College of Engineering.

In the spring, an Engineering Convocation is held for graduating seniors. At this Convocation, Sigma Tau awards a plaque to an outstanding engineer in the State of Washington.

In addition to the banquets and the Convocation, Eta Chapter of Sigma Tau maintains a fountain in front of Carpenter Hall, a sun dial at the side of the Administration Building, and a bulletin board directly across the street from the Student Bookstore. These things help to keep Sigma Tau well known on the campus.

New members are elected each semester after final grades are available. A committee is appointed and a list is compiled of all engineering students who have completed their sophomore year and who are in the upper one-third of their respective class. This list usually contains the names of people who have graduated the previous semester. This is not a problem because Eta Chapter has set minimum requirements of a 3.00 grade point average for juniors and a 2.80 grade point average for seniors. All undergraduates in the upper third, and with at least these

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This past year, thirteen active members and two alumni members were elected to membership. Those elected to membership were informed by formal letter of their election. The pledges for active membership were required to make a rail section from a steel blank. They were also required to know the names of national and local officers and the preamble to the Constitution — in addition to being generally familiar with the major provisions of the Constitution and By-Laws. During the week preceding the Initiation Banquet, they were also required to obtain the signatures of 100 percent of the active members and 75 percent of the alumni members on their carefully prepared pledge sheets.

Delta Chapter's greatest activity centers around the annual Engineer's Week in the first part of February. With the help of the newest members, the Chapter prepares the *Sigma Tau Journal,* which is sent to all engineering students, their parents, and high school students who have shown an interest in engineering.

At the Smoker which is held in conjunction with Engineer's Week, Delta Chapter honors the Sophomore who was the previous year's most outstanding Freshman. He is presented the Sigma Tau Award in the presence of many of his fellow engineers who attend the Smoker.

In conjunction with Engineer's Open House at the end of Engineer's Week, Delta Chapter sponsors a "careers room" for interested high school students. In this room, each department displays the curriculum and the textbooks used in the various courses.

During the school year, the Chapter records are in the hands of the elected officers. When school is not in session, they are kept in the Chapter Advisor's office.

The balance in the treasury of Delta Chapter is rather low at present. This is largely due to the unexpected expense of purchasing the new initiation procedures and handbook.

The active membership of Delta Chapter has increased from sixteen at the beginning of the year to the present number of twenty-seven. The alumni membership has increased from thirty-one to thirty-four.

Spring-Summer 1967

REPORT OF EPSILON CHAPTER

By Richard D. Gresham, Corresponding Secretary

Epsilon Chapter of Sigma Tau at Kansas State University is recognized as a leading honorary fraternity by most of the student body. It is brought to the attention of the students in many ways. First is the pyramid and rail section monument constructed on a triangular street island which is positioned between Seaton Hall, the engineering building, and the Student Union. Epsilon Chapter also is responsible for the opening ceremonies of the annual Engineer's Open House. This includes the selection of a Saint Pat and Saint Patricia to reign over the Open House activities. Through these two chosen people and the Open House, students are kept fully aware of Sigma Tau.

The students — and the engineering students in particular — see and hear about Sigma Tau as an honorary engineering fraternity which puts stress on scholarship, sociability, and practicality. Knowing that these are desirable qualities for an engineer, the students try to achieve them, and as a result to be accepted as members of the organization. Awards are given annually to selected engineering freshmen for scholarship. This adds incentive to freshmen to work at becoming better scholastically, much as possible membership in Sigma Tau adds incentive to other students.

Students are chosen as potential candidates for membership on the basis of overall scholarship. The active members have an opportunity to determine the sociability of the prospective members during the annual Smoker. Those prospective members, who appear capable of succeeding as engineers, are notified of their selection and informed of what they are expected to do during "pledge week." These duties consist of carrying a decorated paddle, wearing a hat decorated with blue and white ribbon, and wearing a rail section around their neck. They must also get the signatures of a specified number of pledges, alumni members, and active members, and white-wash the letters K S on K-Hill. The pledges are given a copy of the Constitution and By-Laws booklet, and they are expected to pass an examination on the material contained therein. If the pledges successfully complete all of these duties, the active members then vote on their elevation to active membership. If elected, and approved by the faculty, the pledges are initiated. After initiation, they receive their keys and shingles at the annual Sigma Tau Banquet.

Epsilon Chapter holds its meetings in the Student Union, usually on a school day late in the afternoon. The meetings are generally ordinary business meetings. If any problem has been brought to the attention of the officers which the entire membership should know about, it is discussed at the meetings. Sometimes the meetings are called for a special purpose such as the selection of Saint Pat and Saint Patricia candidates. Members are notified of approaching meetings by an announcement posted at various places in Seaton Hall, and also personally by the officers if possible.

Heretofore no special record has been kept of the Epsilon Chapter alumni. The only current address lists would be found in the administrative offices of the College of Engineering. The faculty members support the Chapter fairly actively the year around. During "pledge week," active support is shown strongly by all.

The Chapter records, except those concerning finances, are kept by the Recording Secretary. During the Summer, the Recording Secretary for the Spring semester keeps the records, but the Chapter Advisor always has knowledge of the whereabouts of the records. The financial records are kept by the Treasurer at all times. He collects the funds and initiation fees, and he is responsible for verifying bills and paying them. At present, Epsilon Chapter is working "in the black" and a new project is also being considered to raise money. The project is to get the engineering juniors and seniors registered in a soon-to-be-published listing. This project will also help to acquaint more engineers with Sigma Tau.

The present active membership in Epsilon Chapter was increased recently by the Fall initiates. Membership now stands at 86 active members, as compared with 63 at the beginning of the Fall semester — a substantial increase in active membership. The Chapter hopes to be able to continue adding worthwhile members.

REPORT OF ZETA CHAPTER

By Wayne E. Kelsoe, President

Zeta Chapter cooperates with the departmental honor societies and with Tau Beta Pi, the other all engineering honor society, in furthering the goal of engineering scholarship and service on the Oregon State University campus. Sigma Tau membership is considered to be a high honor and a worthwhile goal by the engineering students at the University.

Zeta Chapter started the current year with 20 active members and has initiated 33 new members during the year. There are 28 alumni members on the faculty, and they greet each of the pledges prior to initiation and attend the Chapter banquets when possible. Addresses of the alumni of Zeta Chapter may be obtained from the University's Alumni Office. All of the Chapter's records are available in the Chapter Advisor's office. They are kept in good order by the Chapter officers with the aid of the Engineering Administration.

Two initiations are held each year with a Banquet after each. It has been the policy of Zeta Chapter to have speakers from outside the field of engineering address the Chapter in order to provide insight into other fields. The Chapter has been very fortunate to have a variety of very interesting and distinguished speakers present these addresses, and these programs are very well attended.

Chapter meetings are held with specific programs in mind. Three Chapter meetings are held in association with each initiation, and other meetings are held for business and service projects.

Selection of prospective members is made from the roster of engineering students

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